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OM nucleic - nucleic search, using sw model

Run on: August 1, 2004, 21:08:23 ; Search time 38.9024 Seconds
(without alignments)
156.917 Million cell updates/sec

Title: US-09-540-843-5
Perfect score: 11
Sequence: 1 gtagggtag 11

Scoring table: IDENTITY NUC
Gapop 10.0 , Gapext 1.0

Searched: 682709 seqs, 277475446 residues

Total number of hits satisfying chosen parameters: 979464

Minimum DB seq length: 0
Maximum DB seq length: 200

Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 45 summaries

Database : Issued Patents NA: *
1: /cgn2_6/ptodata/2/ina/5A COMB.seq: *
2: /cgn2_6/ptodata/2/ina/5B COMB.seq: *
3: /cgn2_6/ptodata/2/ina/6A COMB.seq: *
4: /cgn2_6/ptodata/2/ina/6B COMB.seq: *
5: /cgn2_6/ptodata/2/ina/6C COMB.seq: *
6: /cgn2_6/ptodata/2/ina/backfiles1.seq: *

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query %		DB ID	Description
		Match	Length		
C 1	11	100.0	11	1	US-08-330-123A-2
C 2	11	100.0	11	1	US-08-482-115B-2
C 3	11	100.0	11	2	US-08-660-678A-2
C 4	11	100.0	11	2	US-08-531-743-11
C 5	11	100.0	11	2	US-08-531-743-12
C 6	11	100.0	11	2	US-08-485-778-36
C 7	11	100.0	11	2	US-08-472-802C-3
C 8	11	100.0	11	3	US-08-520-550A-36
C 9	11	100.0	11	3	US-08-630-019A-9
C 10	11	100.0	11	3	US-08-630-019A-30
C 11	11	100.0	11	3	US-08-630-019A-39
C 12	11	100.0	11	3	US-08-838-545-13
C 13	11	100.0	11	3	US-08-838-545-31
C 14	11	100.0	11	3	US-08-838-545-44
C 15	11	100.0	11	3	US-08-998-443-2
C 16	11	100.0	11	3	US-09-060-523-2
C 17	11	100.0	11	3	US-09-349-532-13
C 18	11	100.0	11	3	US-09-349-532-31
C 19	11	100.0	11	3	US-09-349-532-44
C 20	11	100.0	11	4	US-09-580-517-2
C 21	11	100.0	11	4	US-09-057-351-2
C 22	11	100.0	11	4	US-09-657-445A-1
C 23	11	100.0	12	3	US-08-630-019A-10
C 24	11	100.0	12	3	US-08-838-545-8
C 25	11	100.0	12	3	US-09-349-532-8
C 26	11	100.0	13	3	US-08-630-019A-11
C 27	11	100.0	13	3	US-08-630-019A-15

28	11	100.0	13	3	US-08-838-545-1	Sequence 1, Appli
29	11	100.0	13	3	US-08-838-545-12	Sequence 12, Appl
30	11	100.0	13	3	US-09-349-532-1	Sequence 1, Appli
31	11	100.0	13	3	US-09-349-532-12	Sequence 12, Appl
32	11	100.0	13	4	US-09-657-445A-8	Sequence 8, Appli
33	11	100.0	15	2	US-08-531-743-4	Sequence 4, Appli
34	11	100.0	15	3	US-08-630-019A-12	Sequence 12, Appl
35	11	100.0	15	3	US-08-630-019A-18	Sequence 18, Appl
36	11	100.0	15	3	US-08-838-545-2	Sequence 2, Appli
37	11	100.0	15	3	US-08-838-545-5	Sequence 5, Appli
38	11	100.0	15	3	US-08-838-545-45	Sequence 45, Appl
39	11	100.0	15	3	US-09-349-532-2	Sequence 2, Appli
40	11	100.0	15	3	US-09-349-532-5	Sequence 5, Appli
41	11	100.0	15	3	US-09-349-532-45	Sequence 45, Appl
42	11	100.0	16	1	US-08-153-051B-11	Sequence 11, Appl
43	11	100.0	16	2	US-08-151-477A-11	Sequence 11, Appl
44	11	100.0	16	3	US-08-819-867-20	Sequence 20, Appl
45	11	100.0	16	3	US-08-819-867-20	Sequence 20, Appl

ALIGNMENTS

RESULT 1
US-08-330-123A-2/c
; Sequence 2, Application US/08330123A
; Patent No. 5583016
; GENERAL INFORMATION:
; APPLICANT: VILLEPONTEAU, Bryant
; APPLICANT: FENG, Junli
; APPLICANT: FUNK, Walter
; APPLICANT: ANDREWS, William H.
; TITLE OF INVENTION: HUMAN TELOMERASE
; NUMBER OF SEQUENCES: 25
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Townsend and Townsend Khourie and Crew
; STREET: 379 Lytton Avenue
; CITY: Palo Alto
; STATE: California
; COUNTRY: US
; ZIP: 94301
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION NUMBER: US/08/330,123A
; FILING DATE: 27-OCT-1994
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/272,102
; FILING DATE: 07-JUL-1994
; ATTORNEY/AGENT INFORMATION:
; NAME: Smith, William M
; REGISTRATION NUMBER: 30,223
; REFERENCE/DOCKET NUMBER: 15389-000810
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (415) 326-2400
; TELEFAX: (415) 326-2422
; INFORMATION FOR SEQ ID NO: 2:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 11 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: RNA
; US-08-330-123A-2

Query Match 100.0%; Score 11; DB 1; Length 11;
Best Local Similarity 100.0%; Pred. No. 2.2e+02;
Matches 11; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 GTTAGGGTTAG 11
Db 11 GTTAGGGTTAG 1

RESULT 2

US-08-482-115B-2/c
; Sequence 2, Application US/08482115B
; Patent No. 5776679
; GENERAL INFORMATION:
; APPLICANT: Villeponteau, Bryant
; APPLICANT: Feng, Junli
; APPLICANT: Funk, Walter
; APPLICANT: Andrews, William H.
; TITLE OF INVENTION: Assays for the RNA Component of Human
; TITLE OF INVENTION: Telomerase
; NUMBER OF SEQUENCES: 40
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Townsend and Townsend and Crew LLP
; STREET: Two Embarcadero Center, Eighth Floor
; CITY: San Francisco
; STATE: California
; COUNTRY: USA
; ZIP: 94111-3834
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/482,115B
; FILING DATE: 07-JUN-1995
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/272,102
; FILING DATE: 07-JUL-1994
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/330,123
; FILING DATE: 27-OCT-1994
; ATTORNEY/AGENT INFORMATION:
; NAME: Storella, John R.
; REGISTRATION NUMBER: 32,944
; REFERENCE/DOCKET NUMBER: 015389-0008300S
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (415) 576-0200
; TELEFAX: (415) 576-0300
; INFORMATION FOR SEQ ID NO: 2:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 11 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: RNA
US-08-482-115B-2

Query Match 100.0%; Score 11; DB 1; Length 11;
Best Local Similarity 100.0%; Pred. No. 2.2e+02;
Matches 11; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 GTTAGGGTTAG 11
Db 11 GTTAGGGTTAG 1

RESULT 3

US-08-660-678A-2/c
; Sequence 2, Application US/08660678A
; Patent No. 5837857
; GENERAL INFORMATION:
; APPLICANT: Villeponteau, Bryant
; APPLICANT: Feng, Junli
; APPLICANT: Funk, Walter
; APPLICANT: Andrews, William H.

; TITLE OF INVENTION: Mammalian Telomerase
; NUMBER OF SEQUENCES: 30
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Townsend and Townsend and Crew LLP
; STREET: Two Embarcadero Center, Eighth Floor
; CITY: San Francisco
; STATE: California
; COUNTRY: USA
; ZIP: 94111-3834
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/660,678A
; FILING DATE: 05-JUN-1996
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/330,123
; FILING DATE: 27-OCT-1994
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/272,102
; FILING DATE: 07-JUL-1994
; ATTORNEY/AGENT INFORMATION:
; NAME: Storella, John R.
; REGISTRATION NUMBER: 32,944
; REFERENCE/DOCKET NUMBER: 015389-000811US
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (415) 576-0200
; TELEFAX: (415) 576-0300
; INFORMATION FOR SEQ ID NO: 2:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 11 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: RNA
US-08-660-678A-2

Query Match 100.0%; Score 11; DB 2; Length 11;
Best Local Similarity 100.0%; Pred. No. 2.2e+02;
Matches 11; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 GTTAGGGTTAG 11
Db 11 GTTAGGGTTAG 1

RESULT 4

US-08-531-743-11
; Sequence 11, Application US/08531743
; Patent No. 5856096
; GENERAL INFORMATION:
; APPLICANT: Windle, Bradford E.
; APPLICANT: Qiu, Ming
; APPLICANT: Chen, Shi-fong
; APPLICANT: Fletcher, Terace M.
; APPLICANT: Maine, Ira
; TITLE OF INVENTION: Rapid and Sensitive Assays for Detecting and
; TITLE OF INVENTION: Distinguishing Between Processive and
; TITLE OF INVENTION: No. 5856096-Processive Telomerase Activities
; NUMBER OF SEQUENCES: 17
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Arnold, White & Durkee
; STREET: P.O. Box 4433
; CITY: Houston
; STATE: Texas
; COUNTRY: United States of America
; ZIP: 77210
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS
 SOFTWARE: PatentIn Release #1.0, Version #1.30
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/08/531,743
 FILING DATE: 20-SEP-1995
 CLASSIFICATION: 435
 ATTORNEY/AGENT INFORMATION:
 NAME: Highlander, Steven L.
 REGISTRATION NUMBER: 37,642
 REFERENCE/DOCKET NUMBER: CTRC:026/HYL
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: (512) 418-3000
 TELEFAX: (512) 474-7577
 INFORMATION FOR SEQ ID NO: 11:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 11 base pairs
 TYPE: nucleic acid
 STRANDEDNESS: single
 TOPOLOGY: linear
 US-08-531-743-11

Query Match 100.0%; Score 11; DB 2; Length 11;
 Best Local Similarity 100.0%; Pred. No. 2.2e+02;
 Matches 11; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 GTTAGGGTTAG 11
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 Db 1 GTTAGGGTTAG 11

RESULT 5
 US-08-531-743-12/c
 Sequence 12, Application US/08531743
 Patent No. 5856096
 GENERAL INFORMATION:
 APPLICANT: Windle, Bradford E.
 APPLICANT: Qiu, Ming
 APPLICANT: Chen, Shi-fong
 APPLICANT: Fletcher, Terace M.
 APPLICANT: Maine, Ira
 TITLE OF INVENTION: Rapid and Sensitive Assays for Detecting and
 TITLE OF INVENTION: Distinguishing Between Processive and
 TITLE OF INVENTION: No. 5856096-Processive Telomerase Activities
 NUMBER OF SEQUENCES: 17
 CORRESPONDENCE ADDRESS:
 ADDRESSEE: Arnold, White & Durkee
 STREET: P.O. Box 4433
 CITY: Houston
 STATE: Texas
 COUNTRY: United States of America
 ZIP: 77210
 COMPUTER READABLE FORM:
 MEDIUM TYPE: Floppy disk
 COMPUTER: IBM PC compatible
 OPERATING SYSTEM: PC-DOS/MS-DOS
 SOFTWARE: PatentIn Release #1.0, Version #1.30
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/08/531,743
 FILING DATE: 20-SEP-1995
 CLASSIFICATION: 435
 ATTORNEY/AGENT INFORMATION:
 NAME: Highlander, Steven L.
 REGISTRATION NUMBER: 37,642
 REFERENCE/DOCKET NUMBER: CTRC:026/HYL
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: (512) 418-3000
 TELEFAX: (512) 474-7577
 INFORMATION FOR SEQ ID NO: 12:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 11 base pairs
 TYPE: nucleic acid
 STRANDEDNESS: single
 TOPOLOGY: linear

US-08-531-743-12

Query Match 100.0%; Score 11; DB 2; Length 11;
 Best Local Similarity 100.0%; Pred. No. 2.2e+02;
 Matches 11; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 GTTAGGGTTAG 11
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 Db 1 GTTAGGGTTAG 11

RESULT 6
 US-08-485-778-36/c
 Sequence 36, Application US/08485778
 Patent No. 5876979
 GENERAL INFORMATION:
 APPLICANT: Andrews, William H.
 APPLICANT: Avilion, Ariel Athena
 APPLICANT: Feng, Junli
 APPLICANT: Funk, Walter
 APPLICANT: Greider, Carol
 APPLICANT: Marhuenda, Maria Antonia Blasco
 APPLICANT: Villeponteau, Bryant
 TITLE OF INVENTION: RNA COMPONENT OF TELOMERASE
 NUMBER OF SEQUENCES: 45
 CORRESPONDENCE ADDRESS:
 ADDRESSEE: Hamilton, Brook, Smith & Reynolds, P.C.
 STREET: Two Militia Drive
 CITY: Lexington
 STATE: MA
 COUNTRY: US
 ZIP: 02173
 COMPUTER READABLE FORM:
 MEDIUM TYPE: Floppy disk
 COMPUTER: IBM PC compatible
 OPERATING SYSTEM: PC-DOS/MS-DOS
 SOFTWARE: PatentIn Release #1.0, Version #1.30
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/08/485,778
 FILING DATE: 07-JE-1995
 CLASSIFICATION: 435
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER: US 08/387,524
 FILING DATE: 13-FEB-1995
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER: US 08/330,123
 FILING DATE: 27-OCT-1994
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER: US 08/272,102
 FILING DATE: 07-JUL-1994
 ATTORNEY/AGENT INFORMATION:
 NAME: Granahan, Patricia
 REGISTRATION NUMBER: 32,227
 REFERENCE/DOCKET NUMBER: CSHL94-05A4
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: 617-861-6240
 TELEFAX: 617-861-9540
 INFORMATION FOR SEQ ID NO: 36:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 11 base pairs
 TYPE: nucleic acid
 STRANDEDNESS: double
 TOPOLOGY: linear
 US-08-485-778-36

Query Match 100.0%; Score 11; DB 2; Length 11;
 Best Local Similarity 100.0%; Pred. No. 2.2e+02;
 Matches 11; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 GTTAGGGTTAG 11
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 Db 1 GTTAGGGTTAG 11

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RESULT 7
US-08-472-802C-3/c
; Sequence 3, Application US/08472802C
; Patent No. 5958680
; GENERAL INFORMATION:
; APPLICANT: Villeponteau, Bryant
; APPLICANT: Peng, Junli
; APPLICANT: Andrews, William H.
; TITLE OF INVENTION: Mammalian Telomerase
; NUMBER OF SEQUENCES: 44
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Townsend and Townsend and Crew LLP
; STREET: Two Embarcadero Center, Eighth Floor
; CITY: San Francisco
; STATE: California
; COUNTRY: USA
; ZIP: 94111-3834
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/472,802C
; FILING DATE: 07-JUN-1995
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/272,102
; FILING DATE: 07-JUL-1994
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/330,123
; FILING DATE: 27-OCT-1994
; ATTORNEY/AGENT INFORMATION:
; NAME: Smith, William M.
; REGISTRATION NUMBER: 30,223
; REFERENCE/DOCKET NUMBER: 15389-000820
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (415) 576-0200
; TELEFAX: (415) 576-0300
; INFORMATION FOR SEQ ID NO: 3:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 11 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: RNA
US-08-472-802C-3
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Query Match 100.0%; Score 11; DB 2; Length 11;
Best Local Similarity 100.0%; Pred. No. 2.2e+02;
Matches 11; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 GTTAGGGTTAG 11
Db 11 GTTAGGGTTAG 1
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RESULT 8
US-08-550A-36/c
; Sequence 36, Application US/08520550A
; Patent No. 6013468
; GENERAL INFORMATION:
; APPLICANT: Andrews, William H.
; APPLICANT: Avillion, Ariel A.
; APPLICANT: Peng, Junli
; APPLICANT: Funk, Walter
; APPLICANT: Greider, Carol
; APPLICANT: Mathuenda, Maria A. B.
; TITLE OF INVENTION: RNA Component of Telomerase
; NUMBER OF SEQUENCES: 47
; CORRESPONDENCE ADDRESS:
```

```
; ADDRESSEE: Hamilton, Brook, Smith & Reynolds, P.C.
; STREET: Two Militia Drive
; CITY: Lexington
; STATE: MA
; COUNTRY: US
; ZIP: 02173
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/520,550A
; FILING DATE: 29-AUG-1995
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/387,524
; FILING DATE: 13-FEB-1995
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/330,123
; FILING DATE: 27-OCT-1994
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/272,102
; FILING DATE: 07-JUL-1994
; ATTORNEY/AGENT INFORMATION:
; NAME: Granahan, Patricia
; REGISTRATION NUMBER: 32,227
; REFERENCE/DOCKET NUMBER: CSHL94-05A3B
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 617-861-6240
; TELEFAX: 617-861-9540
; INFORMATION FOR SEQ ID NO: 36:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 11 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: double
; TOPOLOGY: linear
US-08-520-550A-36
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Query Match 100.0%; Score 11; DB 3; Length 11;
Best Local Similarity 100.0%; Pred. No. 2.2e+02;
Matches 11; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 GTTAGGGTTAG 11
Db 11 GTTAGGGTTAG 1
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RESULT 9
US-08-630-019A-9
; Sequence 9, Application US/08630019A
; Patent No. 6015710
; GENERAL INFORMATION:
; APPLICANT: Shay, Jerry W.
; APPLICANT: Wright, Woodring E.
; APPLICANT: Piatyszek, Mieczyslaw A.
; APPLICANT: Corey, David
; APPLICANT: No. 6015710ton, James C.
; TITLE OF INVENTION: Modulation of Mammalian Telomerase by
; TITLE OF INVENTION: Peptide Nucleic Acids
; NUMBER OF SEQUENCES: 46
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Townsend and Townsend and Crew LLP
; STREET: Two Embarcadero Center, Eighth Floor
; CITY: San Francisco
; STATE: California
; COUNTRY: USA
; ZIP: 94111-3834
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
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; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/630,019A
; FILING DATE: 09-JUN-1996
; CLASSIFICATION: 536
; ATTORNEY/AGENT INFORMATION:
; NAME: Storella, John R.
; REGISTRATION NUMBER: 32,944
; REFERENCE/DOCKET NUMBER: 015389-001600US
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (415) 576-0200
; TELEFAX: (415) 576-0300
; INFORMATION FOR SEQ ID NO: 9:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 11 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: other nucleic acid
; DESCRIPTION: /desc = "peptide nucleic acid (PNA),
; DESCRIPTION: where (deoxy)ribose-phosphate linkages are replaced by
; DESCRIPTION: N-(2-aminoethyl)glycine units linked to nucleotide bases via
; DESCRIPTION: glycine amino nitrogen through a methylenecarbonyl linker"
US-08-630-019A-9
Query Match 100.0%; Score 11; DB 3; Length 11;
Best Local Similarity 100.0%; Pred. No. 2.2e+02;
Matches 11; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 GTTAGGGTTAG 11
Db 1 GTTAGGGTTAG 11

RESULT 10
US-08-630-019A-30/c
; Sequence 30, Application US/086300019A
; Patent No. 6015710
; GENERAL INFORMATION:
; APPLICANT: Shay, Jerry W.
; APPLICANT: Wright, Woodring E.
; APPLICANT: Piatsyzek, Mieczyslaw A.
; APPLICANT: Corey, David
; APPLICANT: No. 6015710ton, James C.
; TITLE OF INVENTION: Modulation of Mammalian Telomerase by
; TITLE OF INVENTION: Peptide Nucleic Acids
; NUMBER OF SEQUENCES: 46
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Townsend and Townsend and Crew LLP
; STREET: Two Embarcadero Center, Eighth Floor
; CITY: San Francisco
; STATE: California
; COUNTRY: USA
; ZIP: 94111-3834
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; FILING DATE: 09-JUN-1996
; CLASSIFICATION: 536
; ATTORNEY/AGENT INFORMATION:
; NAME: Storella, John R.
; REGISTRATION NUMBER: 32,944
; REFERENCE/DOCKET NUMBER: 015389-001600US
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (415) 576-0200
; TELEFAX: (415) 576-0300
; INFORMATION FOR SEQ ID NO: 30:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 11 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: other nucleic acid
; DESCRIPTION: /desc = "phosphorothioate (PS) nucleic acid"
US-08-630-019A-39
Query Match 100.0%; Score 11; DB 3; Length 11;
Best Local Similarity 100.0%; Pred. No. 2.2e+02;
Matches 11; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 GTTAGGGTTAG 11
Db 1 GTTAGGGTTAG 11

RESULT 12
US-08-838-545-13
; Sequence 13, Application US/08838545
; Patent No. 6046307
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; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: RNA
US-08-630-019A-30
Query Match 100.0%; Score 11; DB 3; Length 11;
Best Local Similarity 100.0%; Pred. No. 2.2e+02;
Matches 11; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 GTTAGGGTTAG 11
Db 1 GTTAGGGTTAG 11

RESULT 11
US-08-630-019A-39
; Sequence 39, Application US/086300019A
; Patent No. 6015710
; GENERAL INFORMATION:
; APPLICANT: Shay, Jerry W.
; APPLICANT: Wright, Woodring E.
; APPLICANT: Piatsyzek, Mieczyslaw A.
; APPLICANT: Corey, David
; APPLICANT: No. 6015710ton, James C.
; TITLE OF INVENTION: Modulation of Mammalian Telomerase by
; TITLE OF INVENTION: Peptide Nucleic Acids
; NUMBER OF SEQUENCES: 46
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Townsend and Townsend and Crew LLP
; STREET: Two Embarcadero Center, Eighth Floor
; CITY: San Francisco
; STATE: California
; COUNTRY: USA
; ZIP: 94111-3834
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; FILING DATE: 09-JUN-1996
; CLASSIFICATION: 536
; ATTORNEY/AGENT INFORMATION:
; NAME: Storella, John R.
; REGISTRATION NUMBER: 32,944
; REFERENCE/DOCKET NUMBER: 015389-001600US
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (415) 576-0200
; TELEFAX: (415) 576-0300
; INFORMATION FOR SEQ ID NO: 39:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 11 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: other nucleic acid
; DESCRIPTION: /desc = "phosphorothioate (PS) nucleic acid"
US-08-630-019A-39
Query Match 100.0%; Score 11; DB 3; Length 11;
Best Local Similarity 100.0%; Pred. No. 2.2e+02;
Matches 11; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 GTTAGGGTTAG 11
Db 1 GTTAGGGTTAG 11

RESULT 12
US-08-838-545-13
; Sequence 13, Application US/08838545
; Patent No. 6046307
```

GENERAL INFORMATION:
APPLICANT: Shay, Jerry W.
APPLICANT: Wright, Woodring E.
APPLICANT: Piatyszek, Mieczyslaw A.
APPLICANT: Corey, David R.
APPLICANT: No. 6046307ton, James C.
TITLE OF INVENTION: Modulation of Mammalian Telomerase by
Peptide Nucleic Acids
NUMBER OF SEQUENCES: 60
CORRESPONDENCE ADDRESSES:
ADDRESSEE: Townsend and Townsend and Crew LLP
STREET: Two Embarcadero Center, Eighth Floor
CITY: San Francisco
STATE: California
COUNTRY: USA
ZIP: 94111-3834
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/838,545
FILING DATE: 09-APR-1997
CLASSIFICATION: 536
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/630,019
FILING DATE: 09-APR-1996
ATTORNEY/AGENT INFORMATION:
NAME: Storella, John R.
REGISTRATION NUMBER: 32,944
REFERENCE/DOCKET NUMBER: 015389-001610US
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 576-0200
TELEFAX: (415) 576-0300
INFORMATION FOR SEQ ID NO: 13:
SEQUENCE CHARACTERISTICS:
LENGTH: 11 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: other nucleic acid
DESCRIPTION: /desc = "peptide nucleic acid (PNA),
where (deoxy(ribose-phosphate linkages are replaced by
N-(2-aminoethyl)glycine units linked to nucleotide bases via
a methylenecarbonyl linker"
US-08-838-545-13

Query Match 100.0%; Score 11; DB 3; Length 11;
Best Local Similarity 100.0%; Pred. No. 2.2e+02;
Matches 11; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 GTTAGGGTTAG 11
Db 1 GTTAGGGTTAG 11
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RESULT 13
US-08-838-545-31/c
Sequence 31, Application US/08838545
Patent No. 6046307
GENERAL INFORMATION:
APPLICANT: Shay, Jerry W.
APPLICANT: Wright, Woodring E.
APPLICANT: Piatyszek, Mieczyslaw A.
APPLICANT: Corey, David R.
APPLICANT: No. 6046307ton, James C.
TITLE OF INVENTION: Modulation of Mammalian Telomerase by
Peptide Nucleic Acids
NUMBER OF SEQUENCES: 60
CORRESPONDENCE ADDRESSES:
ADDRESSEE: Townsend and Townsend and Crew LLP
STREET: Two Embarcadero Center, Eighth Floor

CITY: San Francisco
STATE: California
COUNTRY: USA
ZIP: 94111-3834
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/838,545
FILING DATE: 09-APR-1997
CLASSIFICATION: 536
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/630,019
FILING DATE: 09-APR-1996
ATTORNEY/AGENT INFORMATION:
NAME: Storella, John R.
REGISTRATION NUMBER: 32,944
REFERENCE/DOCKET NUMBER: 015389-001610US
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 576-0200
TELEFAX: (415) 576-0300
INFORMATION FOR SEQ ID NO: 31:
SEQUENCE CHARACTERISTICS:
LENGTH: 11 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: other nucleic acid
DESCRIPTION: /desc = "peptide nucleic acid (PNA),
where (deoxy(ribose-phosphate linkages are replaced by
N-(2-aminoethyl)glycine units linked to nucleotide bases via
a methylenecarbonyl linker"
US-08-838-545-31

Query Match 100.0%; Score 11; DB 3; Length 11;
Best Local Similarity 100.0%; Pred. No. 2.2e+02;
Matches 11; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 GTTAGGGTTAG 11
Db 1 GTTAGGGTTAG 11
|||||

RESULT 14
US-08-838-545-44
Sequence 44, Application US/08838545
Patent No. 6046307
GENERAL INFORMATION:
APPLICANT: Shay, Jerry W.
APPLICANT: Wright, Woodring E.
APPLICANT: Piatyszek, Mieczyslaw A.
APPLICANT: Corey, David R.
APPLICANT: No. 6046307ton, James C.
TITLE OF INVENTION: Modulation of Mammalian Telomerase by
Peptide Nucleic Acids
NUMBER OF SEQUENCES: 60
CORRESPONDENCE ADDRESSES:
ADDRESSEE: Townsend and Townsend and Crew LLP
STREET: Two Embarcadero Center, Eighth Floor
CITY: San Francisco
STATE: California
COUNTRY: USA
ZIP: 94111-3834
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/838,545
FILING DATE: 09-APR-1997

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; CLASSIFICATION: 536
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/630,019
; FILING DATE: 09-APR-1996
; ATTORNEY/AGENT INFORMATION:
; NAME: Storella, John R.
; REGISTRATION NUMBER: 32,944
; REFERENCE/DOCKET NUMBER: 015389-001610US
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (415) 576-0200
; TELEFAX: (415) 576-0300
; INFORMATION FOR SEQ ID NO: 44:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 11 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: other nucleic acid
; DESCRIPTION: /desc = "phosphorothioate (PS)
; nucleic acid"
US-08-838-545-44
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Query Match 100.0%; Score 11; DB 3; Length 11;
Best Local Similarity 100.0%; Pred. No. 2.2e+02;
Matches 11; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 GTTAGGGTTAG 11
Db 1 GTTAGGGTTAG 11
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RESULT 15
US-08-998-443-2/c
; Sequence 2, Application US/08998443
; Patent No. 6054575
; GENERAL INFORMATION:
; APPLICANT: Villeponteau, Bryant
; APPLICANT: Feng, Junli
; APPLICANT: Funk, Walter
; APPLICANT: Andrews, William H.
; TITLE OF INVENTION: Mammalian Telomerase
; NUMBER OF SEQUENCES: 30
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Townsend and Townsend and Crew LLP
; STREET: Two Embarcadero Center, Eighth Floor
; CITY: San Francisco
; STATE: California
; COUNTRY: USA
; ZIP: 94111-3834
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/998,443
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/08/660,678
; FILING DATE: 05-JUN-1996
; APPLICATION NUMBER: US 08/330,123
; FILING DATE: 27-OCT-1994
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/272,102
; FILING DATE: 07-JUL-1994
; ATTORNEY/AGENT INFORMATION:
; NAME: Storella, John R.
; REGISTRATION NUMBER: 32,944
; REFERENCE/DOCKET NUMBER: 015389-000811US
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (415) 576-0200
; TELEFAX: (415) 576-0300
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; INFORMATION FOR SEQ ID NO: 2:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 11 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: RNA
US-08-998-443-2

Query Match 100.0%; Score 11; DB 3; Length 11;
Best Local Similarity 100.0%; Pred. No. 2.2e+02;
Matches 11; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 GTTAGGGTTAG 11
Db 1 GTTAGGGTTAG 11

Search completed: August 1, 2004, 23:41:54
Job time : 39.9024 secs
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GenCore version 5.1.6
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OM nucleic - nucleic search, using sw model

Run on: August 1, 2004, 23:28:09 ; Search time 195.049 Seconds
(without alignments)
276.518 Million cell updates/sec

Title: US-09-540-843-5
Perfect score: 11
Sequence: 1 gtagggtag 11

Scoring table: IDENTITY_NUC
Gapop 10.0 , Gapext 1.0

Searched: 3222919 seqs, 2451570024 residues

Total number of hits satisfying chosen parameters: 2259480

Minimum DB seq length: 0
Maximum DB seq length: 200

Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 45 summaries

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11:	/cgn2_6/prodata/2/pubpna/US09C_PUBCOMB.seq:*
12:	/cgn2_6/prodata/2/pubpna/US09_NEW_PUB.seq:*
13:	/cgn2_6/prodata/2/pubpna/US09_NEW_PUB.seq2:*
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15:	/cgn2_6/prodata/2/pubpna/US10B_PUBCOMB.seq:*
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18:	/cgn2_6/prodata/2/pubpna/US60_NEW_PUB.seq:*
19:	/cgn2_6/prodata/2/pubpna/US60_PUBCOMB.seq:*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match %	Length	ID	Description
c 1	11	100.0	11	9	US-09-057-351-2
2	11	100.0	11	10	US-09-835-370-63
3	11	100.0	11	13	US-10-463-076-1
4	11	100.0	11	15	US-10-122-630-5
c 5	11	100.0	11	15	US-10-122-630-9
6	11	100.0	11	15	US-10-122-633-5
c 7	11	100.0	11	15	US-10-122-633-9
8	11	100.0	11	15	US-10-255-535-4
9	11	100.0	11	15	US-10-255-535-14
c 10	11	100.0	11	15	US-10-359-935-2
11	11	100.0	11	17	US-10-181-823-16
12	11	100.0	11	17	US-10-181-823-20
13	11	100.0	13	10	US-09-893-252-4
14	11	100.0	13	13	US-10-463-076-8

15	11	100.0	13	15	US-10-038-335-1
16	11	100.0	13	15	US-10-038-335-2
17	11	100.0	13	15	US-10-347-253-1
18	11	100.0	13	15	US-10-368-451-1
c 19	11	100.0	16	15	US-10-232-947A-20
c 20	11	100.0	18	8	US-08-463-404-4
21	11	100.0	18	8	US-08-463-404-5
22	11	100.0	18	9	US-09-057-351-26
c 23	11	100.0	18	9	US-09-947-659-1
24	11	100.0	18	9	US-09-947-659-2
25	11	100.0	18	9	US-09-947-659-7
26	11	100.0	18	10	US-09-893-252-1
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28	11	100.0	18	13	US-10-325-810-529
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c 31	11	100.0	18	15	US-10-132-002-2
32	11	100.0	18	15	US-10-132-002-4
c 33	11	100.0	18	15	US-10-238-732-2
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35	11	100.0	18	15	US-10-044-692-296
36	11	100.0	18	15	US-10-044-539-295
37	11	100.0	18	15	US-10-044-539-296
38	11	100.0	18	15	US-10-336-265-11
39	11	100.0	18	15	US-10-336-265-15
40	11	100.0	18	15	US-10-336-265-60
c 41	11	100.0	18	15	US-10-336-265-61
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c 43	11	100.0	18	15	US-10-323-032-4
44	11	100.0	18	15	US-10-323-032-5
45	11	100.0	18	15	US-10-330-872-6

ALIGNMENTS

RESULT 1
US-09-057-351-2/c
; Sequence 2, Application US/09057351
; Patent No. US20010034439A1
; GENERAL INFORMATION:
; APPLICANT: Villeponteau, Bryant
; APPLICANT: Feng, Junli
; APPLICANT: Funk, Walter
; APPLICANT: Andrews, William H.
; TITLE OF INVENTION: Mammalian Telomerase
; NUMBER OF SEQUENCES: 42
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Townsend and Townsend and Crew LLP
; STREET: Two Embarcadero Center, Eighth Floor
; CITY: San Francisco
; STATE: California
; COUNTRY: USA
; ZIP: 94111-3834
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/057,351
; FILING DATE: 08-APR-1994
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/272,102
; FILING DATE: 07-JUL-1994
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/330,123
; FILING DATE: 27-OCT-1994
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/472,802
; FILING DATE: 07-JUN-1995
; ATTORNEY/AGENT INFORMATION:

; NAME: Storella, John R.
; REGISTRATION NUMBER: 32,944
; REFERENCE/DOCKET NUMBER: 015389-000821US
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (415) 576-0200
; TELEFAX: (415) 576-0300
; INFORMATION FOR SEQ ID NO: 2:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 11 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: RNA
US-09-057-351-2

Query Match 100.0%; Score 11; DB 9; Length 11;
Best Local Similarity 100.0%; Pred. No. 6.3e+03;
Matches 11; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 GTTAGGGTTAG 11
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Db 11 GTTAGGGTTAG 11

RESULT 2

US-09-835-370-63
; Sequence 63, Application US/09835370
; Publication No. US20030022172A1
; GENERAL INFORMATION:
; APPLICANT: UHLMANN, EUGEN
; APPLICANT: BREIPOHL, GERHARD
; APPLICANT: WILL, DAVID W
; TITLE OF INVENTION: POLYAMIDE NUCLEIC ACID DERIVATIVES AND AGENTS AND
; TITLE OF INVENTION: PROCESSES FOR PREPARING THEM
; FILE REFERENCE: 02481.1742 SEQUENCE LISTING
; CURRENT APPLICATION NUMBER: US/09/835,370
; CURRENT FILING DATE: 2001-04-17
; NUMBER OF SEQ ID NOS: 64
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 63
; LENGTH: 11
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: nucleotide
; OTHER INFORMATION: base sequence of PNA derivatives that bind to
; OTHER INFORMATION: viral and cellular targets
US-09-835-370-63

Query Match 100.0%; Score 11; DB 10; Length 11;
Best Local Similarity 100.0%; Pred. No. 6.3e+03;
Matches 11; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 GTTAGGGTTAG 11
|||||
Db 1 GTTAGGGTTAG 11

RESULT 3

US-10-463-076-1
; Sequence 1, Application US/10463076
; Publication No. US20030212032A1
; GENERAL INFORMATION:
; APPLICANT: Geron Corporation
; APPLICANT: Graynov, Sergei
; APPLICANT: Pongracz, Krisztina
; APPLICANT: Matray, Tracey
; TITLE OF INVENTION: Oligonucleotide N3'-->P5', Thiophosphoramidates: Their Synthesis a
; FILE REFERENCE: 039/004C
; CURRENT APPLICATION NUMBER: US/10/463,076
; CURRENT FILING DATE: 2003-06-17
; PRIOR APPLICATION NUMBER: US 09/657,445
; PRIOR FILING DATE: 2000-09-08

; PRIOR APPLICATION NUMBER: US 60/153,201
; PRIOR FILING DATE: 1999-09-10
; PRIOR APPLICATION NUMBER: US 60/160,444
; PRIOR FILING DATE: 1999-10-19
; NUMBER OF SEQ ID NOS: 9
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 1
; LENGTH: 11
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotide with potential inhibition activity
US-10-463-076-1

Query Match 100.0%; Score 11; DB 13; Length 11;
Best Local Similarity 100.0%; Pred. No. 6.3e+03;
Matches 11; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 GTTAGGGTTAG 11
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Db 1 GTTAGGGTTAG 11

RESULT 4

US-10-122-630-5
; Sequence 5, Application US/10122630
; Publication No. US20030032610A1
; GENERAL INFORMATION:
; APPLICANT: Gilchrest, Barbara A.
; APPLICANT: Eller, Mark S.
; TITLE OF INVENTION: Method to Inhibit Cell Growth Using
; TITLE OF INVENTION: Oligonucleotides
; FILE REFERENCE: 0054.1088-018
; CURRENT APPLICATION NUMBER: US/10/122,630
; CURRENT FILING DATE: 2002-04-12
; PRIOR APPLICATION NUMBER: US 08/467,012
; PRIOR FILING DATE: 1995-06-06
; PRIOR APPLICATION NUMBER: PCT/US96/08386
; PRIOR FILING DATE: 1996-06-03
; PRIOR APPLICATION NUMBER: US 09/048,927
; PRIOR FILING DATE: 1998-03-26
; PRIOR APPLICATION NUMBER: US 09/540,843
; PRIOR FILING DATE: 2000-03-31
; PRIOR APPLICATION NUMBER: PCT/US01/10162
; PRIOR FILING DATE: 2001-03-30
; NUMBER OF SEQ ID NOS: 15
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 5
; LENGTH: 11
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic DNA Fragment
US-10-122-630-5

Query Match 100.0%; Score 11; DB 15; Length 11;
Best Local Similarity 100.0%; Pred. No. 6.3e+03;
Matches 11; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 GTTAGGGTTAG 11
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Db 1 GTTAGGGTTAG 11

RESULT 5

US-10-122-630-9/c
; Sequence 9, Application US/10122630
; Publication No. US20030032610A1
; GENERAL INFORMATION:
; APPLICANT: Gilchrest, Barbara A.
; APPLICANT: Eller, Mark S.
; APPLICANT: Yaar, Mina

```
; TITLE OF INVENTION: Method to Inhibit Cell Growth Using
; TITLE OF INVENTION: Oligonucleotides
; FILE REFERENCE: 0054.1088-018
; CURRENT APPLICATION NUMBER: US/10/122,630
; CURRENT FILING DATE: 2002-04-12
; PRIOR APPLICATION NUMBER: US 08/467,012
; PRIOR FILING DATE: 1995-06-06
; PRIOR APPLICATION NUMBER: PCT/US96/08386
; PRIOR FILING DATE: 1996-06-03
; PRIOR APPLICATION NUMBER: US 09/048,927
; PRIOR FILING DATE: 1998-03-26
; PRIOR APPLICATION NUMBER: US 09/540,843
; PRIOR FILING DATE: 2000-03-31
; PRIOR APPLICATION NUMBER: PCT/US01/10162
; PRIOR FILING DATE: 2001-03-30
; NUMBER OF SEQ ID NOS: 15
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 9
; LENGTH: 11
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic DNA Fragment
US-10-122-630-9
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Query Match 100.0%; Score 11; DB 15; Length 11;
Best Local Similarity 100.0%; Pred. No. 6.3e+03;
Matches 11; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 GTTAGGGTTAG 11
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Db 11 GTTAGGGTTAG 1
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RESULT 6
US-10-122-633-5
; Sequence 5, Application US/10122633
; Publication No. US20030032611A1
; GENERAL INFORMATION:
; APPLICANT: Gilchrest, Barbara A.
; APPLICANT: Eller, Mark S.
; APPLICANT: Yaar, Mina
; TITLE OF INVENTION: Method to Inhibit Cell Growth Using
; TITLE OF INVENTION: Oligonucleotides
; FILE REFERENCE: 0054.1088-019
; CURRENT APPLICATION NUMBER: US/10/122,633
; CURRENT FILING DATE: 2002-04-12
; PRIOR APPLICATION NUMBER: US 09/540,843
; PRIOR FILING DATE: 2000-03-31
; PRIOR APPLICATION NUMBER: PCT/US01/10162
; PRIOR FILING DATE: 2001-03-30
; NUMBER OF SEQ ID NOS: 15
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 5
; LENGTH: 11
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic DNA Fragment
US-10-122-633-5
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Query Match 100.0%; Score 11; DB 15; Length 11;
Best Local Similarity 100.0%; Pred. No. 6.3e+03;
Matches 11; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 GTTAGGGTTAG 11
    |||||
Db 11 GTTAGGGTTAG 11
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RESULT 7
US-10-122-633-9/c
; Sequence 9, Application US/10122633
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; Publication No. US20030032611A1
; GENERAL INFORMATION:
; APPLICANT: Gilchrest, Barbara A.
; APPLICANT: Eller, Mark S.
; APPLICANT: Yaar, Mina
; TITLE OF INVENTION: Method to Inhibit Cell Growth Using
; TITLE OF INVENTION: Oligonucleotides
; FILE REFERENCE: 0054.1088-019
; CURRENT APPLICATION NUMBER: US/10/122,633
; CURRENT FILING DATE: 2002-04-12
; PRIOR APPLICATION NUMBER: US 09/540,843
; PRIOR FILING DATE: 2000-03-31
; PRIOR APPLICATION NUMBER: PCT/US01/10162
; PRIOR FILING DATE: 2001-03-30
; NUMBER OF SEQ ID NOS: 15
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 9
; LENGTH: 11
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic DNA Fragment
US-10-122-633-9
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Query Match 100.0%; Score 11; DB 15; Length 11;
Best Local Similarity 100.0%; Pred. No. 6.3e+03;
Matches 11; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 GTTAGGGTTAG 11
    |||||
Db 11 GTTAGGGTTAG 1
```

```
RESULT 8
US-10-255-535-4
; Sequence 4, Application US/10255535
; Publication No. US20030138814A1
; GENERAL INFORMATION:
; APPLICANT: Geron Corporation
; APPLICANT: Gryaznov, Sergei
; APPLICANT: Pongracz, Krisztina
; APPLICANT: Tolman, Richard L.
; APPLICANT: Morin, Gregg B.
; TITLE OF INVENTION: Oligonucleotide Conjugates
; FILE REFERENCE: 072/002P
; CURRENT APPLICATION NUMBER: US/10/255,535
; CURRENT FILING DATE: 2002-09-25
; PRIOR APPLICATION NUMBER: PCT/US02/09138
; PRIOR FILING DATE: 2002-03-21
; PRIOR APPLICATION NUMBER: US 60/278,322
; PRIOR FILING DATE: 2001-03-23
; NUMBER OF SEQ ID NOS: 19
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 4
; LENGTH: 11
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: oligonucleotide
US-10-255-535-4
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Query Match 100.0%; Score 11; DB 15; Length 11;
Best Local Similarity 100.0%; Pred. No. 6.3e+03;
Matches 11; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 GTTAGGGTTAG 11
    |||||
Db 11 GTTAGGGTTAG 11
```

```
RESULT 9
US-10-255-535-14
; Sequence 14, Application US/10255535
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Publication No. US20030138814A1
GENERAL INFORMATION:
APPLICANT: Geron Corporation
APPLICANT: Gryaznov, Sergei
APPLICANT: Pongracz, Krisztina
APPLICANT: Tolman, Richard L.
APPLICANT: Morin, Gregg B.
TITLE OF INVENTION: Oligonucleotide Conjugates
FILE REFERENCE: 072/002P
CURRENT APPLICATION NUMBER: US/10/255,535
CURRENT FILING DATE: 2002-09-25
PRIOR APPLICATION NUMBER: PCT/US02/09138
PRIOR FILING DATE: 2002-03-21
PRIOR APPLICATION NUMBER: US 60/278,322
PRIOR FILING DATE: 2001-03-23
NUMBER OF SEQ ID NOS: 19
SOFTWARE: PatentIn version 3.1
SEQ ID NO 14
LENGTH: 11
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: oligonucleotide
US-10-255-535-14

Query Match 100.0%; Score 11; DB 15; Length 11;
Best Local Similarity 100.0%; Pred. No. 6.3e+03;
Matches 11; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 GTTAGGGTTAG 11
Db 1 GTTAGGGTTAG 11

RESULT 10

US-10-359-935-2/c
Sequence 2, Application US/10359935
Publication No. US20030153076A1
GENERAL INFORMATION:

APPLICANT: Villeponteau, Bryant
Funk, Junli
Andrews, William H.

TITLE OF INVENTION: Mammalian Telomerase
NUMBER OF SEQUENCES: 42
CORRESPONDENCE ADDRESS:

ADDRESSEE: Townsend and Townsend and Crew LLP
STREET: Two Embarcadero Center, Eighth Floor
CITY: San Francisco
STATE: California
COUNTRY: USA
ZIP: 94111-3834

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/10/359,935

FILING DATE: 07-Feb-2003

CLASSIFICATION: 435

PRIOR APPLICATION DATA:

APPLICATION NUMBER: US/09/057,351

FILING DATE: 08-APR-1994

APPLICATION NUMBER: US 08/272,102

FILING DATE: 07-JUL-1994

APPLICATION NUMBER: US 08/330,123

FILING DATE: 27-OCT-1994

APPLICATION NUMBER: US 08/472,802

FILING DATE: 07-JUN-1995

ATTORNEY/AGENT INFORMATION:

NAME: Storella, John R.

REGISTRATION NUMBER: 32,944

REFERENCE/DOCKET NUMBER: 015389-000821US
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 576-0200
TELEFAX: (415) 576-0300
INFORMATION FOR SEQ ID NO: 2:
SEQUENCE CHARACTERISTICS:
LENGTH: 11 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: RNA
SEQUENCE DESCRIPTION: SEQ ID NO: 2:
US-10-359-935-2

Query Match 100.0%; Score 11; DB 15; Length 11;
Best Local Similarity 100.0%; Pred. No. 6.3e+03;
Matches 11; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 GTTAGGGTTAG 11
Db 11 GTTAGGGTTAG 1

RESULT 11

US-10-181-823-16
Sequence 16, Application US/10181823
Publication No. US20040126752A1
GENERAL INFORMATION:

APPLICANT: Geron Corporation
APPLICANT: Gryaznov, Sergei

APPLICANT: Schultz, Ronald G

TITLE OF INVENTION: 2'-Arabino-Fluoroligonucleotide N3'-->P5', Phosphoramidates: Their

TITLE OF INVENTION: Synthesis and Use

FILE REFERENCE: 049/002

CURRENT APPLICATION NUMBER: US/10/181,823

CURRENT FILING DATE: 2003-12-29

PRIOR APPLICATION NUMBER: PCT/US01/01918

PRIOR FILING DATE: 2001-01-19

NUMBER OF SEQ ID NOS: 23

SOFTWARE: PatentIn version 3.1

SEQ ID NO 16

LENGTH: 11

TYPE: DNA

ORGANISM: Homo sapiens

US-10-181-823-16

Query Match 100.0%; Score 11; DB 17; Length 11;
Best Local Similarity 100.0%; Pred. No. 6.3e+03;
Matches 11; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 GTTAGGGTTAG 11
Db 1 GTTAGGGTTAG 11

RESULT 12

US-10-181-823-20
Sequence 20, Application US/10181823
Publication No. US20040126752A1
GENERAL INFORMATION:

APPLICANT: Geron Corporation
APPLICANT: Gryaznov, Sergei

APPLICANT: Schultz, Ronald G

TITLE OF INVENTION: 2'-Arabino-Fluoroligonucleotide N3'-->P5', Phosphoramidates: Their

TITLE OF INVENTION: Synthesis and Use

FILE REFERENCE: 049/002

CURRENT APPLICATION NUMBER: US/10/181,823

CURRENT FILING DATE: 2003-12-29

PRIOR APPLICATION NUMBER: PCT/US01/01918

PRIOR FILING DATE: 2001-01-19

NUMBER OF SEQ ID NOS: 23

SOFTWARE: PatentIn version 3.1

SEQ ID NO 20

; LENGTH: 11
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-181-823-20

Query Match 100.0%; Score 11; DB 17; Length 11;
Best Local Similarity 100.0%; Pred. No. 6.3e+03;
Matches 11; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 GTTAGGGTTAG 11
|:|||||:
Db 1 GTTAGGGTTAG 11

RESULT 13
US-09-893-252-4
; Sequence 4, Application US/09893252
; Publication No. US20030012755A1
; GENERAL INFORMATION:
; APPLICANT: styczynski, Peter
; APPLICANT: Ahluwalia, Gurdreet S.
; TITLE OF INVENTION: REDUCTION OF HAIR GROWTH
; FILE REFERENCE: 00216-552001
; CURRENT APPLICATION NUMBER: US/09/893,252
; CURRENT FILING DATE: 2001-10-12
; NUMBER OF SEQ ID NOS: 4
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 4
; LENGTH: 13
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-893-252-4

Query Match 100.0%; Score 11; DB 10; Length 13;
Best Local Similarity 63.6%; Pred. No. 6.3e+03;
Matches 7; Conservative 4; Mismatches 0; Indels 0; Gaps 0;

QY 1 GTTAGGGTTAG 11
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Db 3 GUUAGGGUUG 13

RESULT 14
US-10-463-076-8
; Sequence 8, Application US/10463076
; Publication No. US20030212032A1
; GENERAL INFORMATION:
; APPLICANT: Geron Corporation
; APPLICANT: Gryaznov, Sergei
; APPLICANT: Pongracz, Krisztina
; APPLICANT: Matray, Tracey
; TITLE OF INVENTION: Oligonucleotide N3'-->P5' Thiophosphoramidates: Their Synthesis a
; FILE REFERENCE: 039/004C
; CURRENT APPLICATION NUMBER: US/10/463,076
; CURRENT FILING DATE: 2003-06-17
; PRIOR APPLICATION NUMBER: US 09/657,445
; PRIOR FILING DATE: 2000-09-08
; PRIOR APPLICATION NUMBER: US 60/153,201
; PRIOR FILING DATE: 1999-09-10
; PRIOR APPLICATION NUMBER: US 60/160,444
; PRIOR FILING DATE: 1999-10-19
; NUMBER OF SEQ ID NOS: 9
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 8
; LENGTH: 13
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotide with potential inhibition activity
US-10-463-076-8

Query Match 100.0%; Score 11; DB 13; Length 13;
Best Local Similarity 100.0%; Pred. No. 6.3e+03;

Matches 11; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 1 GTTAGGGTTAG 11
|:|||||:
Db 3 GTTAGGGTTAG 13

RESULT 15
US-10-038-335-1
; Sequence 1, Application US/10038335
; Publication No. US20030096776A1
; GENERAL INFORMATION:
; APPLICANT: Ecker, David J.
; APPLICANT: Wyatt, Jacqueline
; APPLICANT: Bennett, C. Frank
; APPLICANT: Hanecak, Ronnie
; APPLICANT: Brown-Driver, Vickie
; APPLICANT: Vickers, Timothy
; APPLICANT: Chiang, Ming-yi
; APPLICANT: Anderson, Kevin
; TITLE OF INVENTION: Modulation Of Telomere Length By Oligonucleotides Having A G-Core
; FILE REFERENCE: ISIS-4976
; CURRENT APPLICATION NUMBER: US/10/038,335
; CURRENT FILING DATE: 2001-01-02
; PRIOR APPLICATION NUMBER: 09/299,058
; PRIOR FILING DATE: 1999-04-23
; PRIOR APPLICATION NUMBER: 08/403,888
; PRIOR FILING DATE: 1995-06-12
; PRIOR APPLICATION NUMBER: PCT/US93/09297
; PRIOR FILING DATE: 1993-09-29
; PRIOR APPLICATION NUMBER: 07/954,185
; PRIOR FILING DATE: 1992-09-29
; NUMBER OF SEQ ID NOS: 10
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 1
; LENGTH: 13
; TYPE: DNA
; ORGANISM: No. US20030096776A1el sequence
; FEATURE:
; OTHER INFORMATION: Antisense sequence
US-10-038-335-1

Query Match 100.0%; Score 11; DB 15; Length 13;
Best Local Similarity 63.6%; Pred. No. 6.3e+03;
Matches 7; Conservative 4; Mismatches 0; Indels 0; Gaps 0;

QY 1 GTTAGGGTTAG 11
|:|||||:
Db 3 GUUAGGGUUG 13

Search completed: August 2, 2004, 02:14:42
Job time : 196.049 secs

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GenCore version 5.1.6
Copyright (c) 1993 - 2004 CompuGen Ltd.

OM nucleic - nucleic search, using sw model

Run on: August 1, 2004, 23:28:09 ; Search time 88.5585 Seconds
(without alignments)
276.518 Million cell updates/sec

Title: US-09-540-843-4
Perfect score: 5
Sequence: 1 gtagt 5

Scoring table: IDENTITY NUC

Gapop 10.0 , Gapext 1.0

Searched: 3222919 seqs, 2451570024 residues

Total number of hits satisfying chosen parameters: 2259480

Minimum DB seq length: 0
Maximum DB seq length: 200

Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 45 summaries

Database : Published Applications NA:*

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2: /cgn2_6/prodata/2/pubpna/PCT_NEW_PUB.seq:*
3: /cgn2_6/prodata/2/pubpna/US06_NEW_PUB.seq:*
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16: /cgn2_6/prodata/2/pubpna/US10C_PUBCOMB.seq:*
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19: /cgn2_6/prodata/2/pubpna/US60_PUBCOMB.seq:*
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Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	ID	Description
1	5	100.0	5	15	US-10-122-630-4
2	5	100.0	5	15	US-10-122-630-4
3	5	100.0	5	15	US-10-122-633-4
4	5	100.0	5	15	US-10-122-633-4
5	5	100.0	7	13	US-10-027-632-178029
6	5	100.0	7	13	US-10-027-632-178043
7	5	100.0	7	15	US-10-122-630-3
8	5	100.0	7	15	US-10-122-633-7
9	5	100.0	7	15	US-10-122-633-7
10	5	100.0	7	15	US-10-027-632-178029
11	5	100.0	7	16	US-10-027-632-178043
12	5	100.0	8	9	US-09-142-593-11
13	5	100.0	8	9	US-09-927-886-17
14	5	100.0	8	9	US-09-927-886-17

c 15	5	100.0	8	9	US-09-861-014-6	Sequence 6, Appli
c 16	5	100.0	8	13	US-10-314-578-1138	Sequence 1138, Ap
c 17	5	100.0	8	15	US-10-263-159-11	Sequence 11, Appl
c 18	5	100.0	8	15	US-10-128-560-224	Sequence 224, App
c 19	5	100.0	8	15	US-10-191-698-11	Sequence 11, Appl
c 20	5	100.0	8	17	US-10-332-914-5	Sequence 5, Appli
c 21	5	100.0	8	17	US-10-608-516-17	Sequence 17, Appl
c 22	5	100.0	9	9	US-09-989-789-623	Sequence 623, App
c 23	5	100.0	9	9	US-09-989-789-2220	Sequence 2220, Ap
c 24	5	100.0	9	9	US-09-989-789-2256	Sequence 2256, Ap
c 25	5	100.0	9	10	US-09-990-186-623	Sequence 623, App
c 26	5	100.0	9	10	US-09-990-186-2220	Sequence 2220, Ap
c 27	5	100.0	9	10	US-09-990-186-2256	Sequence 2256, Ap
c 28	5	100.0	9	10	US-09-989-994-623	Sequence 623, App
c 29	5	100.0	9	10	US-09-989-994-2220	Sequence 2220, Ap
c 30	5	100.0	9	10	US-09-989-994-2256	Sequence 2256, Ap
c 31	5	100.0	9	15	US-10-122-630-1	Sequence 1, Appli
c 32	5	100.0	9	15	US-10-122-633-1	Sequence 1, Appli
c 33	5	100.0	9	15	US-10-096-596-32	Sequence 32, Appl
c 34	5	100.0	9	16	US-10-378-556A-13	Sequence 13, Appl
c 35	5	100.0	9	17	US-10-427-629-3	Sequence 3, Appli
c 36	5	100.0	10	8	US-08-935-377-16	Sequence 16, Appl
c 37	5	100.0	10	9	US-09-822-250-16	Sequence 16, Appl
c 38	5	100.0	10	9	US-09-398-399-31	Sequence 31, Appl
c 39	5	100.0	10	9	US-09-989-789-622	Sequence 622, App
c 40	5	100.0	10	9	US-09-989-789-636	Sequence 636, App
c 41	5	100.0	10	9	US-09-989-789-1338	Sequence 1338, Ap
c 42	5	100.0	10	9	US-09-989-789-1341	Sequence 1341, Ap
c 43	5	100.0	10	9	US-09-989-789-1342	Sequence 1342, Ap
c 44	5	100.0	10	9	US-09-989-789-1343	Sequence 1343, Ap
c 45	5	100.0	10	9	US-09-899-381-31	Sequence 31, Appl

ALIGNMENTS

RESULT 1
US-10-122-630-4
; Sequence 4, Application US/10122630
; Publication No. US20030032610A1
; GENERAL INFORMATION:
; APPLICANT: Gilchrist, Barbara A.
; APPLICANT: Eller, Mark S.
; APPLICANT: Yaar, Mina
; TITLE OF INVENTION: Method to Inhibit Cell Growth Using
; TITLE OF INVENTION: Oligonucleotides
; FILE REFERENCE: 0054.1088-018
; CURRENT APPLICATION NUMBER: US/10/122,630
; CURRENT FILING DATE: 2002-04-12
; PRIOR APPLICATION NUMBER: US 08/467,012
; PRIOR FILING DATE: 1995-06-06
; PRIOR APPLICATION NUMBER: PCT/US96/08386
; PRIOR FILING DATE: 1996-06-03
; PRIOR APPLICATION NUMBER: US 09/048,927
; PRIOR FILING DATE: 1998-03-26
; PRIOR APPLICATION NUMBER: US 09/540,843
; PRIOR FILING DATE: 2000-03-31
; PRIOR APPLICATION NUMBER: PCT/US01/10162
; PRIOR FILING DATE: 2001-03-30
; NUMBER OF SEQ ID NOS: 15
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 4
; LENGTH: 5
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic DNA Fragment
US-10-122-630-4

Query Match 100.0%; Score 5; DB 15; Length 5;
Best Local Similarity 100.0%; Pred. No. 9.4e+08;
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 GTATG 5
|||||
Db 1 GTATG 5

RESULT 2

US-10-122-630-6/c
; Sequence 6, Application US/10122630
; Publication No. US20030032610A1
; GENERAL INFORMATION:
; APPLICANT: Gilchrest, Barbara A.
; APPLICANT: Eller, Mark S.
; TITLE OF INVENTION: Method to Inhibit Cell Growth Using
; FILE REFERENCE: 0054.1088-018
; CURRENT APPLICATION NUMBER: US/10/122,630
; CURRENT FILING DATE: 2002-04-12
; PRIOR APPLICATION NUMBER: US 08/467,012
; PRIOR FILING DATE: 1995-06-06
; PRIOR APPLICATION NUMBER: PCT/US96/08386
; PRIOR FILING DATE: 1996-06-03
; PRIOR APPLICATION NUMBER: US 09/048,927
; PRIOR FILING DATE: 1998-03-26
; PRIOR APPLICATION NUMBER: US 09/540,843
; PRIOR FILING DATE: 2000-03-31
; PRIOR APPLICATION NUMBER: PCT/US01/10162
; PRIOR FILING DATE: 2001-03-30
; NUMBER OF SEQ ID NOS: 15
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 6
; LENGTH: 5
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic DNA Fragment
US-10-122-630-6

Query Match 100.0%; Score 5; DB 15; Length 5;
Best Local Similarity 100.0%; Pred. No. 9.4e+08;
Matches 5; Conservative 0; Mismatches 0; Indels 0;

QY 1 GTATG 5
|||||
Db 5 GTATG 1

RESULT 3

US-10-122-633-4
; Sequence 4, Application US/10122633
; Publication No. US20030032611A1
; GENERAL INFORMATION:
; APPLICANT: Gilchrest, Barbara A.
; APPLICANT: Eller, Mark S.
; TITLE OF INVENTION: Method to Inhibit Cell Growth Using
; FILE REFERENCE: 0054.1088-019
; CURRENT APPLICATION NUMBER: US/10/122,633
; CURRENT FILING DATE: 2002-04-12
; PRIOR APPLICATION NUMBER: US 09/540,843
; PRIOR FILING DATE: 2000-03-31
; PRIOR APPLICATION NUMBER: PCT/US01/10162
; PRIOR FILING DATE: 2001-03-30
; NUMBER OF SEQ ID NOS: 15
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 4
; LENGTH: 5
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic DNA Fragment
US-10-122-633-4

Query Match 100.0%; Score 5; DB 15; Length 5;
Best Local Similarity 100.0%; Pred. No. 9.4e+08;
Matches 5; Conservative 0; Mismatches 0; Indels 0;

QY 1 GTATG 5
|||||
Db 1 GTATG 5

RESULT 4

US-10-122-633-6/c
; Sequence 6, Application US/10122633
; Publication No. US20030032611A1
; GENERAL INFORMATION:
; APPLICANT: Gilchrest, Barbara A.
; APPLICANT: Eller, Mark S.
; TITLE OF INVENTION: Method to Inhibit Cell Growth Using
; FILE REFERENCE: 0054.1088-019
; CURRENT APPLICATION NUMBER: US/10/122,633
; CURRENT FILING DATE: 2002-04-12
; PRIOR APPLICATION NUMBER: US 09/540,843
; PRIOR FILING DATE: 2000-03-31
; PRIOR APPLICATION NUMBER: PCT/US01/10162
; PRIOR FILING DATE: 2001-03-30
; NUMBER OF SEQ ID NOS: 15
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 6
; LENGTH: 5
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic DNA Fragment
US-10-122-633-6

Query Match 100.0%; Score 5; DB 15; Length 5;
Best Local Similarity 100.0%; Pred. No. 9.4e+08;
Matches 5; Conservative 0; Mismatches 0; Indels 0;

QY 1 GTATG 5
|||||
Db 5 GTATG 1

RESULT 5

US-10-027-632-178029/c
; Sequence 178029, Application US/10027632
; Publication No. US20020198371A1
; GENERAL INFORMATION:
; APPLICANT: Wang, David G.
; TITLE OF INVENTION: Identification and Mapping of Single Nucleotide
; FILE REFERENCE: 108827.129
; CURRENT APPLICATION NUMBER: US/10/027,632
; CURRENT FILING DATE: 2002-04-30
; PRIOR APPLICATION NUMBER: US 60/218,006
; PRIOR FILING DATE: 2000-07-12
; PRIOR APPLICATION NUMBER: US 60/198,676
; PRIOR FILING DATE: 2000-04-20
; PRIOR APPLICATION NUMBER: US 60/193,483
; PRIOR FILING DATE: 2000-03-29
; PRIOR APPLICATION NUMBER: US 60/185,218
; PRIOR FILING DATE: 2000-02-24
; PRIOR APPLICATION NUMBER: US 60/167,363
; PRIOR FILING DATE: 1999-11-23
; PRIOR APPLICATION NUMBER: US 60/156,358
; PRIOR FILING DATE: 1999-09-28
; PRIOR APPLICATION NUMBER: US 60/146,002
; PRIOR FILING DATE: 1999-08-09
; NUMBER OF SEQ ID NOS: 325720
; SOFTWARE: FastSeq for Windows Version 4.0


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; SEQ ID NO 178029
; LENGTH: 7
; TYPE: DNA
; ORGANISM: Human
US-10-027-632-178029

Query Match      100.0%; Score 5; DB 13; Length 7;
Best Local Similarity 100.0%; Pred. No. 6.7e+08;
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      1 GTATG 5
Db      5 GTATG 1

RESULT 6
US-10-027-632-178043/c
; Sequence 178043, Application US/10027632
; Publication No. US20020198371A1
; GENERAL INFORMATION:
; APPLICANT: Wang, David G.
; TITLE OF INVENTION: Identification and Mapping of Single Nucleotide
; FILE REFERENCE: 108827.129
; CURRENT APPLICATION NUMBER: US/10/027,632
; CURRENT FILING DATE: 2002-04-30
; PRIOR APPLICATION NUMBER: US 60/218,006
; PRIOR FILING DATE: 2000-07-12
; PRIOR APPLICATION NUMBER: US 60/198,676
; PRIOR FILING DATE: 2000-04-20
; PRIOR APPLICATION NUMBER: US 60/193,483
; PRIOR FILING DATE: 2000-03-29
; PRIOR APPLICATION NUMBER: US 60/185,218
; PRIOR FILING DATE: 2000-02-24
; PRIOR APPLICATION NUMBER: US 60/167,363
; PRIOR FILING DATE: 1999-11-23
; PRIOR APPLICATION NUMBER: US 60/156,358
; PRIOR FILING DATE: 1999-09-28
; PRIOR APPLICATION NUMBER: US 60/146,002
; PRIOR FILING DATE: 1999-08-09
; NUMBER OF SEQ ID NOS: 325720
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 178043
; LENGTH: 7
; TYPE: DNA
; ORGANISM: Human
US-10-027-632-178043

Query Match      100.0%; Score 5; DB 13; Length 7;
Best Local Similarity 100.0%; Pred. No. 6.7e+08;
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      1 GTATG 5
Db      5 GTATG 1

RESULT 7
US-10-122-630-3
; Sequence 3, Application US/10122630
; Publication No. US20030032610A1
; GENERAL INFORMATION:
; APPLICANT: Gilchrest, Barbara A.
; APPLICANT: Eller, Mark S.
; TITLE OF INVENTION: Method to Inhibit Cell Growth Using
; FILE REFERENCE: 0054.1088-018
; CURRENT APPLICATION NUMBER: US/10/122,630
; CURRENT FILING DATE: 2002-04-12
; PRIOR APPLICATION NUMBER: US 08/467,012
; PRIOR FILING DATE: 1995-06-06
; PRIOR APPLICATION NUMBER: PCT/US96/08386
; GENERAL INFORMATION:
; SEQUENCE 3, APPLICATION US/10122633
; PUBLICATION NO. US20030032611A1
; GENERAL INFORMATION:
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; PRIOR FILING DATE: 1996-06-03
; PRIOR APPLICATION NUMBER: US 09/048,927
; PRIOR FILING DATE: 1998-03-26
; PRIOR APPLICATION NUMBER: US 09/540,843
; PRIOR FILING DATE: 2000-03-31
; PRIOR APPLICATION NUMBER: PCT/US01/10162
; PRIOR FILING DATE: 2001-03-30
; NUMBER OF SEQ ID NOS: 15
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 3
; LENGTH: 7
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic DNA Fragment
US-10-122-630-3

Query Match      100.0%; Score 5; DB 15; Length 7;
Best Local Similarity 100.0%; Pred. No. 6.7e+08;
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      1 GTATG 5
Db      2 GTATG 6

RESULT 8
US-10-122-630-7
; Sequence 7, Application US/10122630
; Publication No. US20030032610A1
; GENERAL INFORMATION:
; APPLICANT: Gilchrest, Barbara A.
; APPLICANT: Eller, Mark S.
; TITLE OF INVENTION: Method to Inhibit Cell Growth Using
; FILE REFERENCE: 0054.1088-018
; CURRENT APPLICATION NUMBER: US/10/122,630
; CURRENT FILING DATE: 2002-04-12
; PRIOR APPLICATION NUMBER: US 08/467,012
; PRIOR FILING DATE: 1995-06-06
; PRIOR APPLICATION NUMBER: PCT/US96/08386
; PRIOR FILING DATE: 1996-06-03
; PRIOR APPLICATION NUMBER: US 09/048,927
; PRIOR FILING DATE: 1998-03-26
; PRIOR APPLICATION NUMBER: US 09/540,843
; PRIOR FILING DATE: 2000-03-31
; PRIOR APPLICATION NUMBER: PCT/US01/10162
; NUMBER OF SEQ ID NOS: 15
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 7
; LENGTH: 7
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic DNA Fragment
US-10-122-630-7

Query Match      100.0%; Score 5; DB 15; Length 7;
Best Local Similarity 100.0%; Pred. No. 6.7e+08;
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      1 GTATG 5
Db      2 GTATG 6

RESULT 9
US-10-122-633-3
; Sequence 3, Application US/10122633
; Publication No. US20030032611A1
; GENERAL INFORMATION:
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; APPLICANT: Gilchrist, Barbara A.
; APPLICANT: Eller, Mark S.
; APPLICANT: Yaar, Mina
; TITLE OF INVENTION: Method to Inhibit Cell Growth Using
; FILE REFERENCE: 0054.1088-019
; CURRENT APPLICATION NUMBER: US/10/122,633
; CURRENT FILING DATE: 2002-04-12
; PRIOR APPLICATION NUMBER: US 09/540,843
; PRIOR FILING DATE: 2000-03-31
; PRIOR APPLICATION NUMBER: PCT/US01/10162
; PRIOR FILING DATE: 2001-03-30
; NUMBER OF SEQ ID NOS: 15
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 3
; LENGTH: 7
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic DNA Fragment
US-10-122-633-3

Query Match 100.0%; Score 5; DB 15; Length 7;
Best Local Similarity 100.0%; Pred. No. 6.7e+08;
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 GTATG 5
|||||
Db 2 GTATG 6

RESULT 10
US-10-122-633-7
; Sequence 7, Application US/10122633
; Publication No. US20030032611A1
; GENERAL INFORMATION:
; APPLICANT: Gilchrist, Barbara A.
; APPLICANT: Eller, Mark S.
; APPLICANT: Yaar, Mina
; TITLE OF INVENTION: Method to Inhibit Cell Growth Using
; FILE REFERENCE: 0054.1088-019
; CURRENT APPLICATION NUMBER: US/10/122,633
; CURRENT FILING DATE: 2002-04-12
; PRIOR APPLICATION NUMBER: US 09/540,843
; PRIOR FILING DATE: 2000-03-31
; PRIOR APPLICATION NUMBER: PCT/US01/10162
; PRIOR FILING DATE: 2001-03-30
; NUMBER OF SEQ ID NOS: 15
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 7
; LENGTH: 7
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic DNA Fragment
US-10-122-633-7

Query Match 100.0%; Score 5; DB 15; Length 7;
Best Local Similarity 100.0%; Pred. No. 6.7e+08;
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 GTATG 5
|||||
Db 2 GTATG 6

RESULT 11
US-10-027-632-178029/c
; Sequence 178029, Application US/10027632
; Publication No. US20030204075A9
; GENERAL INFORMATION:
; APPLICANT: Wang, David G.

; TITLE OF INVENTION: Identification and Mapping of Single Nucleotide
; FILE REFERENCE: 108827.129
; CURRENT APPLICATION NUMBER: US/10/027,632
; CURRENT FILING DATE: 2002-04-30
; PRIOR APPLICATION NUMBER: US 60/218,006
; PRIOR FILING DATE: 2000-07-12
; PRIOR APPLICATION NUMBER: US 60/198,676
; PRIOR FILING DATE: 2000-04-20
; PRIOR APPLICATION NUMBER: US 60/193,483
; PRIOR FILING DATE: 2000-03-29
; PRIOR APPLICATION NUMBER: US 60/185,218
; PRIOR FILING DATE: 2000-02-24
; PRIOR APPLICATION NUMBER: US 60/167,363
; PRIOR FILING DATE: 1999-11-23
; PRIOR APPLICATION NUMBER: US 60/156,358
; PRIOR FILING DATE: 1999-09-28
; PRIOR APPLICATION NUMBER: US 60/146,002
; PRIOR FILING DATE: 1999-08-09
; NUMBER OF SEQ ID NOS: 325720
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 178029
; LENGTH: 7
; TYPE: DNA
; ORGANISM: Human
US-10-027-632-178029

Query Match 100.0%; Score 5; DB 16; Length 7;
Best Local Similarity 100.0%; Pred. No. 6.7e+08;
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 GTATG 5
|||||
Db 5 GTATG 1

RESULT 12
US-10-027-632-178043/c
; Sequence 178043, Application US/10027632
; Publication No. US20030204075A9
; GENERAL INFORMATION:
; APPLICANT: Wang, David G.
; TITLE OF INVENTION: Identification and Mapping of Single Nucleotide
; FILE REFERENCE: 108827.129
; CURRENT APPLICATION NUMBER: US/10/027,632
; CURRENT FILING DATE: 2002-04-30
; PRIOR APPLICATION NUMBER: US 60/218,006
; PRIOR FILING DATE: 2000-07-12
; PRIOR APPLICATION NUMBER: US 60/198,676
; PRIOR FILING DATE: 2000-04-20
; PRIOR APPLICATION NUMBER: US 60/193,483
; PRIOR FILING DATE: 2000-03-29
; PRIOR APPLICATION NUMBER: US 60/185,218
; PRIOR FILING DATE: 2000-02-24
; PRIOR APPLICATION NUMBER: US 60/167,363
; PRIOR FILING DATE: 1999-11-23
; PRIOR APPLICATION NUMBER: US 60/156,358
; PRIOR FILING DATE: 1999-09-28
; PRIOR APPLICATION NUMBER: US 60/146,002
; PRIOR FILING DATE: 1999-08-09
; NUMBER OF SEQ ID NOS: 325720
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 178043
; LENGTH: 7
; TYPE: DNA
; ORGANISM: Human
US-10-027-632-178043

Query Match 100.0%; Score 5; DB 16; Length 7;
Best Local Similarity 100.0%; Pred. No. 6.7e+08;
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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QY      1  GTATG 5
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Db      5  GTATG 1

RESULT 13
US-09-142-593-11/c
; Sequence 11, Application US/09142593
; Patent No. US20020016975A1
; GENERAL INFORMATION:
; APPLICANT: HACKETT ET AL.
; TITLE OF INVENTION: DNA-BASED TRANSPOSON SYSTEM FOR THE
; INTRODUCTION OF NUCLEIC ACID INTO DNA OF A CELL
; NUMBER OF SEQUENCES: 63
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: MUEITING, RAASCH & GEBHARDT, P.A.
; STREET: 119 NORTH FOURTH STREET, SUITE 203
; CITY: MINNEAPOLIS
; STATE: MINNESOTA
; COUNTRY: USA
; ZIP: 55402
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/142,593
; FILING DATE: 10-SEP-1998
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 60/040,564
; FILING DATE: 11-MAR-1997
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 60/053,868
; FILING DATE: 28-JUL-1997
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 60/065,303
; FILING DATE: 13-NOV-1997
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: PCT/US98/04687
; FILING DATE: 11-MAR-1998
; ATTORNEY/AGENT INFORMATION:
; NAME: SANDBERG, VICTORIA A.
; REGISTRATION NUMBER: 41,287
; REFERENCE/DOCKET NUMBER: 110.00450101
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 612-305-1226
; TELEFAX: 612-305-1228
; INFORMATION FOR SEQ ID NO: 11:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 8 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
US-09-142-593-11

Query Match      100.0%; Score 5; DB 9; Length 8;
Best Local Similarity 100.0%; Pred. No. 5.9e+08;
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      1  GTATG 5
      |||||
Db      6  GTATG 2

RESULT 14
US-09-927-886-17/c
; Sequence 17, Application US/09927886
; Patent No. US20020103152A1
; GENERAL INFORMATION:
; APPLICANT: Kay, Mark A.
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; APPLICANT: Yant, Stephen
; TITLE OF INVENTION: Methods of In Vivo Gene Transfer Using a
; FILE REFERENCE: STAN-160CIP
; CURRENT APPLICATION NUMBER: US/09/927,886
; CURRENT FILING DATE: 2001-08-10
; PRIOR APPLICATION NUMBER: 60/162,279
; PRIOR FILING DATE: 1999-10-28
; PRIOR APPLICATION NUMBER: 09/440,301
; PRIOR FILING DATE: 1999-11-17
; NUMBER OF SEQ ID NOS: 19
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 17
; LENGTH: 8
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: transposon repeat sequence
US-09-927-886-17

Query Match      100.0%; Score 5; DB 9; Length 8;
Best Local Similarity 100.0%; Pred. No. 5.9e+08;
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      1  GTATG 5
      |||||
Db      6  GTATG 2

RESULT 15
US-09-861-014-6/c
; Sequence 6, Application US/09861014
; Patent No. US20020115216A1
; GENERAL INFORMATION:
; APPLICANT: Steer, Clifford
; APPLICANT: Kren, Betsy
; APPLICANT: Linehan-Stieers, Cheryle
; APPLICANT: McIvor, R.
; APPLICANT: Hackett, Perry
; TITLE OF INVENTION: Composition for Delivery of Compounds to Cells
; FILE REFERENCE: 110.01330101
; CURRENT APPLICATION NUMBER: US/09/861,014
; CURRENT FILING DATE: 2001-05-19
; PRIOR APPLICATION NUMBER: US 60/206,002
; PRIOR FILING DATE: 2000-05-19
; PRIOR APPLICATION NUMBER: US 60/285,121
; PRIOR FILING DATE: 2001-04-20
; NUMBER OF SEQ ID NOS: 10
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 6
; LENGTH: 8
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Direct repeat sequence
US-09-861-014-6

Query Match      100.0%; Score 5; DB 9; Length 8;
Best Local Similarity 100.0%; Pred. No. 5.9e+08;
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      1  GTATG 5
      |||||
Db      6  GTATG 2

Search completed: August 2, 2004, 02:14:41
Job time : 89.6585 secs
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GenCore version 5.1.6
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OM nucleic - nucleic search, using sw model

Run on: August 1, 2004, 21:08:23 ; Search time 17.6829 Seconds
(without alignments)
156.917 Million cell updates/sec

Title: US-09-540-843-4
Perfect score: 5
Sequence: 1 gtagt 5

Scoring table: IDENTITY_NUC
Gapop 10.0 , Gapext 1.0

Searched: 682709 seqs, 277475446 residues

Total number of hits satisfying chosen parameters: 979464

Minimum DB seq length: 0
Maximum DB seq length: 200

Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 45 summaries

Database : Issued Patents NA: *
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2: /cgn2_6/ptodata/2/ina/5B COMB.seq: *
3: /cgn2_6/ptodata/2/ina/6A COMB.seq: *
4: /cgn2_6/ptodata/2/ina/6B COMB.seq: *
5: /cgn2_6/ptodata/2/ina/PCTUS COMB.seq: *
6: /cgn2_6/ptodata/2/ina/backfiles1.seq: *

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

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1	5	100.0	5	3	US-08-855-372B-20
2	5	100.0	5	3	US-09-048-927-4
3	5	100.0	5	4	US-09-498-851-20
4	5	100.0	7	1	US-08-615-170-10
5	5	100.0	7	1	US-08-615-170-12
6	5	100.0	7	3	US-09-048-927-3
7	5	100.0	8	4	US-09-142-593-11
8	5	100.0	8	4	US-09-927-886-17
9	5	100.0	9	2	US-08-583-276-1
10	5	100.0	9	3	US-08-646-789A-8
11	5	100.0	9	3	US-08-646-789A-80
12	5	100.0	9	3	US-09-048-927-1
13	5	100.0	9	4	US-09-319-648-68
14	5	100.0	9	4	US-09-989-789-623
15	5	100.0	9	4	US-09-989-789-2220
16	5	100.0	9	4	US-09-989-789-2256
17	5	100.0	10	1	US-09-263-790-37
18	5	100.0	10	1	US-09-721-777-19
19	5	100.0	10	1	US-08-335-565A-27
20	5	100.0	10	1	US-08-250-951-1
21	5	100.0	10	1	US-08-232-233-1
22	5	100.0	10	1	US-08-222-177A-422
23	5	100.0	10	1	US-08-351-748-23
24	5	100.0	10	1	US-08-351-748-25
25	5	100.0	10	1	US-08-202-927-25
26	5	100.0	10	1	US-08-430-536A-23
27	5	100.0	10	1	US-08-430-536A-25

28	5	100.0	10	1	US-08-171-718-45	Sequence 45, Appl
29	5	100.0	10	2	US-08-703-601-1	Sequence 1, Appl
30	5	100.0	10	2	US-08-684-547-23	Sequence 23, Appl
31	5	100.0	10	2	US-08-684-547-25	Sequence 25, Appl
32	5	100.0	10	3	US-08-469-318-174	Sequence 174, App
33	5	100.0	10	3	US-08-468-609A-174	Sequence 174, App
34	5	100.0	10	3	US-08-478-087-45	Sequence 45, Appl
35	5	100.0	10	3	US-09-063-450-24	Sequence 24, Appl
36	5	100.0	10	3	US-09-063-450-33	Sequence 33, Appl
37	5	100.0	10	3	US-09-123-638-1	Sequence 1, Appl
38	5	100.0	10	3	US-08-646-695-30	Sequence 30, Appl
39	5	100.0	10	3	US-08-875-533-31	Sequence 31, Appl
40	5	100.0	10	4	US-08-446-872A-174	Sequence 174, App
41	5	100.0	10	4	US-09-724-753-1	Sequence 1, Appl
42	5	100.0	10	4	US-08-762-227A-174	Sequence 174, App
43	5	100.0	10	4	US-09-475-947A-23	Sequence 23, Appl
44	5	100.0	10	4	US-09-427-834A-34	Sequence 34, Appl
45	5	100.0	10	4	US-09-445-388A-7	Sequence 7, Appl

ALIGNMENTS

RESULT 1
US-08-855-372B-20
; Sequence 20, Application US/08855372B
; Patent No. 6090549
; GENERAL INFORMATION:
; APPLICANT: Mirzabekov, Andrei D
; APPLICANT: Parinov, Sergei V
; APPLICANT: Barsky, Victor E
; APPLICANT: Kirillov, Eugene V
; APPLICANT: Dubilev, Svetlana A
; TITLE OF INVENTION: Use of Continuous/Contiguous Stacking Hybridization as a Diagnostic
; NUMBER OF SEQUENCES: 88
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: CHERSKOV & FLAYNIK
; STREET: 20 N. Wacker Drive
; CITY: Chicago
; STATE: Illinois
; COUNTRY: United States
; ZIP: 60606
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.50 inch, 1.4 MB storage
; COMPUTER: PC
; OPERATING SYSTEM: Microsoft Windows 98
; SOFTWARE: Wordperfect
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/855,372B
; FILING DATE: 13-MAY-97
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: U.S. 08/587,332
; FILING DATE: 16-JAN-96
; ATTORNEY/AGENT INFORMATION:
; NAME: Cherskov, Michael J.
; REGISTRATION NUMBER: 33,664
; REFERENCE/DOCKET NUMBER: ANL-IN-95-027
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (312) 621-1330
; TELEFAX: (312) 621-0088
; INFORMATION FOR SEQ ID NO: 20:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 5 bases
; TYPE: nucleic acid
; STRANDEDNESS: No. 6090549 Applicable
; TOPOLOGY: linear
; MOLECULE TYPE: Genomic DNA
; HYPOTHETICAL: yes
US-08-855-372B-20

Query Match 100.0%; Score 5; DB 3; Length 5;
Best Local Similarity 100.0%; Pred. No. 1e+08;
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;


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/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 7 base pairs
/ TYPE: nucleic acid
/ STRANDEDNESS: single
/ TOPOLOGY: linear
/ MOLECULE TYPE: DNA
/ FEATURE:
/ NAME/KEY: misc feature
/ LOCATION: 1..7_
/ OTHER INFORMATION: /standard name= "Sph-II binding
/ OTHER INFORMATION: site in SV40"
US-08-615-170-10

Query Match 100.0%; Score 5; DB 1; Length 7;
Best Local Similarity 100.0%; Pred. No. 7.4e+07;
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 GTATG 5
Db 5 GTATG 1

RESULT 5
US-08-615-170-12/c
; Sequence 12, Application US/08615170
; Patent No. 5776776
; GENERAL INFORMATION:
; APPLICANT: ORDAHL, Charles P.
; APPLICANT: AZAKIE, Anthony
; APPLICANT: MAR, Janet H.
; APPLICANT: FARRANCE, Iain K.G.
; APPLICANT: HALL, Deborah E.
; APPLICANT: STEWART, Alexandre F.R.
; APPLICANT: LARKIN, Sarah B.
; TITLE OF INVENTION: DTEF-1 ISOFORMS AND USES THEREOF
; NUMBER OF SEQUENCES: 32
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Townsend and Townsend Kourile and Crew
; STREET: Steuart Street Tower, One Market Plaza
; CITY: San Francisco
; STATE: California
; COUNTRY: US
; ZIP: 94105-1493
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/615,170
; FILING DATE:
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: PCT/US95/01526
; FILING DATE: 06-FEB-1995
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/191,493
; FILING DATE: 04-FEB-1994
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Heslin, James M.
; REGISTRATION NUMBER: 29,541
; REFERENCE/DOCKET NUMBER: 2307U-053120
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (415) 326-2400
; TELEFAX: (415) 326-2422
; INFORMATION FOR SEQ ID NO: 12:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 7 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
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/ MOLECULE TYPE: DNA
/ FEATURE:
/ NAME/KEY: misc feature
/ LOCATION: 1..7_
/ OTHER INFORMATION: /standard name= "Rat beta-Myosin
/ OTHER INFORMATION: Heavy Chain M-CAT binding element"
US-08-615-170-12

Query Match 100.0%; Score 5; DB 1; Length 7;
Best Local Similarity 100.0%; Pred. No. 7.4e+07;
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 GTATG 5
Db 5 GTATG 1

RESULT 6
US-09-048-927-3
; Sequence 3, Application US/09048927
; Patent No. 6147056
; GENERAL INFORMATION:
; APPLICANT: Gilchrest, Barbara A.
; APPLICANT: Yaar, Mina
; APPLICANT: Eller, Mark
; TITLE OF INVENTION: Use of Locally Applied DNA Fragments
; FILE REFERENCE: BU94-68A2
; CURRENT APPLICATION NUMBER: US/09/048,927
; CURRENT FILING DATE: 1998-03-26
; EARLIER APPLICATION NUMBER: 08/952,697
; EARLIER FILING DATE: 1996-06-03
; EARLIER APPLICATION NUMBER: 08/467,012
; EARLIER FILING DATE: 1995-06-06
; NUMBER OF SEQ ID NOS: 4
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 3
; LENGTH: 7
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: DNA Fragment
US-09-048-927-3

Query Match 100.0%; Score 5; DB 3; Length 7;
Best Local Similarity 100.0%; Pred. No. 7.4e+07;
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 GTATG 5
Db 2 GTATG 6

RESULT 7
US-09-142-593-11/c
; Sequence 11, Application US/09142593
; Patent No. 6489458
; GENERAL INFORMATION:
; APPLICANT: HACKETT ET AL.
; TITLE OF INVENTION: DNA-BASED TRANSPOSON SYSTEM FOR THE
; TITLE OF INVENTION: INTRODUCTION OF NUCLEIC ACID INTO DNA OF A CELL
; NUMBER OF SEQUENCES: 63
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: MUEITING, RAASCH & GEBHARDT, P.A.
; STREET: 119 NORTH FOURTH STREET, SUITE 203
; CITY: MINNEAPOLIS
; STATE: MINNESOTA
; COUNTRY: USA
; ZIP: 55402
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
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;; CURRENT APPLICATION DATA:
;; APPLICATION NUMBER: US/09/142,593
;; FILING DATE: 10-SEP-1998
;; CLASSIFICATION:
;; PRIOR APPLICATION DATA:
;; APPLICATION NUMBER: 60/040,664
;; FILING DATE: 11-MAR-1997
;; PRIOR APPLICATION DATA:
;; APPLICATION NUMBER: 60/053,868
;; FILING DATE: 28-JUL-1997
;; PRIOR APPLICATION DATA:
;; APPLICATION NUMBER: 60/065,303
;; FILING DATE: 13-NOV-1997
;; PRIOR APPLICATION DATA:
;; APPLICATION NUMBER: PCT/US98/04687
;; FILING DATE: 11-MAR-1998
;; ATTORNEY/AGENT INFORMATION:
;; NAME: SANDBERG, VICTORIA A.
;; REGISTRATION NUMBER: 41,287
;; REFERENCE/DOCKET NUMBER: 110.00450101
;; TELECOMMUNICATION INFORMATION:
;; TELEPHONE: 612-305-1226
;; TELEFAX: 612-305-1228
;; INFORMATION FOR SEQ ID NO: 11:
;; SEQUENCE CHARACTERISTICS:
;; LENGTH: 8 base pairs
;; TYPE: nucleic acid
;; STRANDEDNESS: single
;; TOPOLOGY: linear
;; MOLECULE TYPE: DNA (genomic)
US-09-142-593-11

Query Match 100.0%; Score 5; DB 4; Length 8;
Best Local Similarity 100.0%; Pred. No. 6.5e+07;
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 GTATG 5
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DB 6 GTATG 2

RESULT 8
US-09-927-886-17/c
; Sequence 17, Application US/09927886
; Patent No. 6613752
; GENERAL INFORMATION:
; APPLICANT: Kay, Mark A.
; APPLICANT: Yant, Stephen
; TITLE OF INVENTION: Methods of In Vivo Gene Transfer Using a
; FILE REFERENCE: STAN-160CIP
; CURRENT APPLICATION NUMBER: US/09/927,886
; CURRENT FILING DATE: 2001-08-10
; PRIOR APPLICATION NUMBER: 60/162,279
; PRIOR FILING DATE: 1999-10-28
; PRIOR APPLICATION NUMBER: 09/440,301
; PRIOR FILING DATE: 1999-11-17
; NUMBER OF SEQ ID NOS: 19
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 17
; LENGTH: 8
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: transposon repeat sequence
US-09-927-886-17

Query Match 100.0%; Score 5; DB 4; Length 8;
Best Local Similarity 100.0%; Pred. No. 6.5e+07;
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 GTATG 5
|||||

Db 6 GTATG 2

RESULT 9
US-08-583-276-1
; Sequence 1, Application US/08583276
; Patent No. 5837536
; GENERAL INFORMATION:
; APPLICANT: McDonagh, Kevin T.
; APPLICANT: Nienhuis, Arthur
; APPLICANT: Tolstoshev, Paul
; TITLE OF INVENTION: IMPROVED EXPRESSION OF HUMAN
; TITLE OF INVENTION: MULTIDRUG RESISTANCE GENES AND IMPROVED
; TITLE OF INVENTION: SELECTION OF CELLS TRANSFECTED WITH SUCH GENES
; NUMBER OF SEQUENCES: 19
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Carella, Byrne, Bain, Gilfillan,
; ADDRESSEE: Cecchi & Stewart
; STREET: 6 Becker Farm Road
; CITY: Roseland
; STATE: New Jersey
; COUNTRY: USA
; ZIP: 07068
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5 inch diskette
; COMPUTER: IBM PS/2
; OPERATING SYSTEM: PC-DOS
; SOFTWARE: DM4.V2
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/583,276
; FILING DATE: 05-JAN-1996
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/332,444
; FILING DATE: 31-OCT-1994
; APPLICATION NUMBER: 07/887,712
; FILING DATE: 22-MAY-1992
; INFORMATION FOR SEQ ID NO: 1:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 9 bases
; TYPE: nucleic acid
; STRANDEDNESS: singular
; TOPOLOGY: linear
; MOLECULE TYPE:
; DESCRIPTION: Genomic DNA
US-08-583-276-1

Query Match 100.0%; Score 5; DB 2; Length 9;
Best Local Similarity 100.0%; Pred. No. 5.8e+07;
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 GTATG 5
|||||
DB 4 GTATG 8

RESULT 10
US-08-646-789A-8
; Sequence 8, Application US/08646789A
; Patent No. 6022863
; GENERAL INFORMATION:
; APPLICANT: Peyman, John A.
; TITLE OF INVENTION: REGULATION OF GENE EXPRESSION
; NUMBER OF SEQUENCES: 101
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: PENNIE & EDMONDS
; STREET: 1155 Avenue of the Americas
; CITY: New York
; STATE: New York
; COUNTRY: U.S.A.
; ZIP: 10036-2711
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/646,789A
FILING DATE: May 21, 1996
CLASSIFICATION: 800
ATTORNEY/AGENT INFORMATION:
NAME: Mirock, S. Leslie
REGISTRATION NUMBER: 18,872
REFERENCE/DOCKET NUMBER: 6523-006
TELEPHONE: (212) 790-9090
TELEFAX: (212) 869-9741/8864
TELEX: 66141 PENNIE
INFORMATION FOR SEQ ID NO: 8:
SEQUENCE CHARACTERISTICS:
LENGTH: 9 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA
US-08-646-789A-8

Query Match 100.0%; Score 5; DB 3; Length 9;
Best Local Similarity 100.0%; Pred. No. 5.8e+07; Indels 0;
Matches 5; Conservative 0; Mismatches 0; Gaps 0;

QY 1 GTATG 5
DB 1 GTATG 5

RESULT 11
US-08-646-789A-80
Sequence 80, Application US/08646789A
Patent No. 6022863
GENERAL INFORMATION:
APPLICANT: Peyman, John A.
TITLE OF INVENTION: REGULATION OF GENE EXPRESSION
NUMBER OF SEQUENCES: 101
CORRESPONDENCE ADDRESS:
ADDRESSER: PENNIE & EDMONDS
STREET: 1155 Avenue of the Americas
CITY: New York
STATE: New York
COUNTRY: U.S.A.
ZIP: 10036-2711
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/646,789A
FILING DATE: May 21, 1996
CLASSIFICATION: 800
ATTORNEY/AGENT INFORMATION:
NAME: Mirock, S. Leslie
REGISTRATION NUMBER: 18,872
REFERENCE/DOCKET NUMBER: 6523-006
TELEPHONE: (212) 790-9090
TELEFAX: (212) 869-9741/8864
TELEX: 66141 PENNIE
INFORMATION FOR SEQ ID NO: 80:
SEQUENCE CHARACTERISTICS:
LENGTH: 9 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: RNA
US-08-646-789A-80

Query Match 100.0%; Score 5; DB 3; Length 9;
Best Local Similarity 60.0%; Pred. No. 5.8e+07; Indels 0;
Matches 3; Conservative 2; Mismatches 0; Gaps 0;

QY 1 GTATG 5
DB 1 GUAUG 5

RESULT 12
US-09-048-927-1
Sequence 1, Application US/09048927
Patent No. 6147056
GENERAL INFORMATION:
APPLICANT: Gilchrest, Barbara A.
APPLICANT: Yaar, Mina
APPLICANT: Eller, Mark
TITLE OF INVENTION: Use of Locally Applied DNA Fragments
FILE REFERENCE: BU94-68A2
CURRENT APPLICATION NUMBER: US/09/048,927
CURRENT FILING DATE: 1998-03-26
EARLIER APPLICATION NUMBER: 08/952,697
EARLIER FILING DATE: 1996-06-03
EARLIER APPLICATION NUMBER: 08/467,012
EARLIER FILING DATE: 1995-06-06
NUMBER OF SEQ ID NOS: 4
SOFTWARE: FastSeq for Windows Version 3.0
SEQ ID NO 1
LENGTH: 9
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: DNA Fragment
US-09-048-927-1

Query Match 100.0%; Score 5; DB 3; Length 9;
Best Local Similarity 100.0%; Pred. No. 5.8e+07; Indels 0;
Matches 5; Conservative 0; Mismatches 0; Gaps 0;

QY 1 GTATG 5
DB 3 GTATG 7

RESULT 13
US-09-319-648-68/c
Sequence 68, Application US/09319648
Patent No. 6451530
GENERAL INFORMATION:
APPLICANT: Hawkins, Mary
TITLE OF INVENTION: Fluorescent Nucleotide Analog Hairpin
FORMATION FOR DETECTION OF NUCLEIC ACID HYBRIDIZATION
NUMBER OF SEQUENCES: 68
CORRESPONDENCE ADDRESS:
ADDRESSEE: Townsend and Crew LLP
STREET: Two Embarcadero Center, Eighth Floor
CITY: San Francisco
STATE: California
COUNTRY: USA
ZIP: 94111-3834
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/319,648
FILING DATE: 30-Jul-1999
CLASSIFICATION: <Unknown>
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 60/032,844
FILING DATE: 13-DEC-1996

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; APPLICATION NUMBER: WO PCT/US97/22448
; FILING DATE: 10-DEC-1997
; ATTORNEY/AGENT INFORMATION:
; NAME: Pang Carol
; REGISTRATION NUMBER: 48,631
; REFERENCE/DOCKET NUMBER: 015280-288100US
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (415) 576-0200
; TELEFAX: (415) 576-0300
; INFORMATION FOR SEQ ID NO: 68:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 9 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA
; SEQUENCE DESCRIPTION: SEQ ID NO: 68:
US-09-319-648-68

Query Match      100.0%; Score 5; DB 4; Length 9;
Best Local Similarity 100.0%; Pred. No. 5.8e+07;
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy      1 GTATG 5
Db      7 GTATG 3

RESULT 14
US-09-989-789-623/c
; Sequence 623, Application US/09989789
; Patent No. 6588746
; GENERAL INFORMATION:
; APPLICANT: LIU, Qiang
; TITLE OF INVENTION: POSITION DEPENDENT RECOGNITION OF GNN NUCLEOTIDE
; TITLE OF INVENTION: TRIPLETS BY ZINC FINGERS
; FILE REFERENCE: 8325-0011.20 / S11-US2
; CURRENT APPLICATION NUMBER: US/09/989,789
; CURRENT FILING DATE: 2002-03-25
; NUMBER OF SEQ ID NOS: 4085
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 623
; LENGTH: 9
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: example target
US-09-989-789-623

Query Match      100.0%; Score 5; DB 4; Length 9;
Best Local Similarity 100.0%; Pred. No. 5.8e+07;
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy      1 GTATG 5
Db      6 GTATG 2

RESULT 15
US-09-989-789-2220
; Sequence 2220, Application US/09989789
; Patent No. 6588746
; GENERAL INFORMATION:
; APPLICANT: LIU, Qiang
; TITLE OF INVENTION: POSITION DEPENDENT RECOGNITION OF GNN NUCLEOTIDE
; TITLE OF INVENTION: TRIPLETS BY ZINC FINGERS
; FILE REFERENCE: 8325-0011.20 / S11-US2
; CURRENT APPLICATION NUMBER: US/09/989,789
; CURRENT FILING DATE: 2002-03-25
; NUMBER OF SEQ ID NOS: 4085
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 2220
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; LENGTH: 9
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: example target
US-09-989-789-2220

Query Match      100.0%; Score 5; DB 4; Length 9;
Best Local Similarity 100.0%; Pred. No. 5.8e+07;
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy      1 GTATG 5
Db      4 GTATG 8

Search completed: August 1, 2004, 23:41:53
Job time : 17.6829 secs
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GenCore version 5.1.6
Copyright (c) 1993 - 2004 CompuGen Ltd.

OM nucleic - nucleic search, using sw model

Run on: August 1, 2004, 21:08:23 ; Search time 24.7561 Seconds
(without alignments)
156.917 Million cell updates/sec

Title: US-09-540-843-3

Perfect score: 7

Sequence: 1 agtatga 7

Scoring table: IDENTITY_NUC

Gapop 10.0 , Gapext 1.0

Searched: 682709 seqs, 277475446 residues

Total number of hits satisfying chosen parameters: 979464

Minimum DB seq length: 0

Maximum DB seq length: 200

Post-processing: Minimum Match 0%

Maximum Match 100%

Listing first 45 summaries

Database :

Issued Patents NA: *
1: /cgn2_6/ptodata/2/ina/5A_COMB.seq: *
2: /cgn2_6/ptodata/2/ina/5B_COMB.seq: *
3: /cgn2_6/ptodata/2/ina/6A_COMB.seq: *
4: /cgn2_6/ptodata/2/ina/6B_COMB.seq: *
5: /cgn2_6/ptodata/2/ina/PTUS_COMB.seq: *
6: /cgn2_6/ptodata/2/ina/backfiles1.seq: *

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	DB ID	Description
1	7	100.0	7	3	US-09-048-927-3
2	7	100.0	9	3	US-09-048-927-1
3	7	100.0	13	4	US-09-922-445-12
4	7	100.0	13	4	US-09-922-445-22
5	7	100.0	14	2	US-08-485-133-27
6	7	100.0	14	2	US-08-744-908A-4
7	7	100.0	15	1	US-08-334-847-24
8	7	100.0	15	1	US-08-671-071B-2
9	7	100.0	15	1	US-08-747-121-4
10	7	100.0	15	2	US-08-585-684B-130
11	7	100.0	15	2	US-08-585-684B-1315
12	7	100.0	15	2	US-08-485-133-28
13	7	100.0	15	3	US-09-094-714A-33
14	7	100.0	15	3	US-09-094-714A-34
15	7	100.0	15	3	US-09-049-190-6
16	7	100.0	15	3	US-09-049-190-7
17	7	100.0	15	3	US-09-038-073-130
18	7	100.0	15	3	US-09-038-073-1315
19	7	100.0	15	4	US-08-932-140C-6
20	7	100.0	15	4	US-08-932-140C-7
21	7	100.0	15	4	US-09-253-977-2
22	7	100.0	15	4	US-09-272-343-1
23	7	100.0	15	4	US-09-272-343-2
24	7	100.0	16	1	US-07-977-284A-59
25	7	100.0	16	1	US-08-719-593-24
26	7	100.0	16	2	US-08-256-426B-59
27	7	100.0	16	2	US-08-256-426B-59

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28 7 100.0 16 3 US-08-458-814-1 Sequence 1, Appli
29 7 100.0 16 4 US-09-479-005A-125 Sequence 125, App
30 7 100.0 16 4 US-09-479-005A-126 Sequence 126, App
31 7 100.0 17 1 US-08-390-850-461 Sequence 461, App
32 7 100.0 17 1 US-08-435-634-461 Sequence 461, App
33 7 100.0 17 1 US-08-758-306-365 Sequence 365, App
34 7 100.0 17 1 US-08-758-306-367 Sequence 367, App
35 7 100.0 17 1 US-08-758-306-369 Sequence 369, App
36 7 100.0 17 1 US-08-758-306-371 Sequence 371, App
37 7 100.0 17 1 US-08-758-306-813 Sequence 813, App
38 7 100.0 17 1 US-08-758-306-815 Sequence 815, App
39 7 100.0 17 2 US-08-671-320-6 Sequence 6, Appli
40 7 100.0 17 2 US-08-868-577-6 Sequence 6, Appli
41 7 100.0 17 2 US-08-485-133-2 Sequence 2, Appli
42 7 100.0 17 3 US-08-985-162-443 Sequence 443, App
43 7 100.0 17 3 US-08-985-162-444 Sequence 444, App
44 7 100.0 17 4 US-09-207-914-6 Sequence 6, Appli
45 7 100.0 17 4 US-09-401-063-443 Sequence 443, App

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ALIGNMENTS

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RESULT 1
US-09-048-927-3
; Sequence 3, Application US/09048927
; Patent No. 6147056
; GENERAL INFORMATION:
; APPLICANT: Gilchrest, Barbara A.
; APPLICANT: Yaar, Mina
; APPLICANT: Eller, Mark
; TITLE OF INVENTION: Use of Locally Applied DNA Fragments
; FILE REFERENCE: BU94-68A2
; CURRENT APPLICATION NUMBER: US/09/048,927
; CURRENT FILING DATE: 1998-03-26
; EARLIER APPLICATION NUMBER: 08/952,697
; EARLIER FILING DATE: 1996-06-03
; EARLIER APPLICATION NUMBER: 08/467,012
; EARLIER FILING DATE: 1995-06-06
; NUMBER OF SEQ ID NOS: 4
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 3
; LENGTH: 7
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: DNA Fragment
US-09-048-927-3

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Query Match 100.0%; Score 7; DB 3; Length 7;
Best Local Similarity 100.0%; Pred. No. 7.5e+07;
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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QY 1 AGTATGA 7
    |||||
Db 1 AGTATGA 7

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RESULT 2
US-09-048-927-1
; Sequence 1, Application US/09048927
; Patent No. 6147056
; GENERAL INFORMATION:
; APPLICANT: Gilchrest, Barbara A.
; APPLICANT: Yaar, Mina
; APPLICANT: Eller, Mark
; TITLE OF INVENTION: Use of Locally Applied DNA Fragments
; FILE REFERENCE: BU94-68A2
; CURRENT APPLICATION NUMBER: US/09/048,927
; CURRENT FILING DATE: 1998-03-26
; EARLIER APPLICATION NUMBER: 08/952,697
; EARLIER FILING DATE: 1996-06-03
; EARLIER APPLICATION NUMBER: 08/467,012

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; EARLIER FILING DATE: 1995-06-06
; NUMBER OF SEQ ID NOS: 4
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 1
;   LENGTH: 9
;   TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: DNA Fragment
US-09-048-927-1

Query Match      100.0%; Score 7; DB 3; Length 9;
Best Local Similarity 100.0%; Pred. No. 5.8e+07;
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 AGTATGA 7
Db 2 AGTATGA 8

RESULT 3
US-09-922-445-12/c
; Sequence 12, Application US/09922445
; Patent No. 6528268
; GENERAL INFORMATION:
; APPLICANT: Andersson, Maria K.
; APPLICANT: Berglund, Lars G. T.
; APPLICANT: Reneland, Rikard H.
; APPLICANT: Adam, Gail I. R.
; TITLE OF INVENTION: REAGENTS AND METHODS FOR DETECTION OF HEART FAILURE
; FILE REFERENCE: GG126US
; CURRENT FILING DATE: 2001-08-03
; NUMBER OF SEQ ID NOS: 51
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 12
;   LENGTH: 13
;   TYPE: DNA
; ORGANISM: synthetic
US-09-922-445-12

Query Match      100.0%; Score 7; DB 4; Length 13;
Best Local Similarity 100.0%; Pred. No. 1.1e+04;
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 AGTATGA 7
Db 9 AGTATGA 3

RESULT 4
US-09-922-445-22
; Sequence 22, Application US/09922445
; Patent No. 6528268
; GENERAL INFORMATION:
; APPLICANT: Andersson, Maria K.
; APPLICANT: Berglund, Lars G. T.
; APPLICANT: Reneland, Rikard H.
; APPLICANT: Adam, Gail I. R.
; TITLE OF INVENTION: REAGENTS AND METHODS FOR DETECTION OF HEART FAILURE
; FILE REFERENCE: GG126US
; CURRENT FILING DATE: 2001-08-03
; NUMBER OF SEQ ID NOS: 51
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 22
;   LENGTH: 13
;   TYPE: DNA
; ORGANISM: synthetic
US-09-922-445-22

Query Match      100.0%; Score 7; DB 4; Length 13;
Best Local Similarity 100.0%; Pred. No. 1.1e+04;

US-09-540-843-3.rni

Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 AGTATGA 7
Db 5 AGTATGA 11

RESULT 5
US-08-485-133-27
; Sequence 27, Application US/08485133
; Patent No. 5976789
; GENERAL INFORMATION:
; APPLICANT: Allibert, Patrice A.
; APPLICANT: Cros, Philippe
; APPLICANT: Mach, Bernard F.
; APPLICANT: Mandrand, Bernard F.
; APPLICANT: Tiercy, Jean-Marie
; TITLE OF INVENTION: SYSTEM OF PROBES ENABLING HLA-DR TYPING
; TITLE OF INVENTION: TO BE PERFORMED, AND TYPING METHOD USING SAID PROBES
; NUMBER OF SEQUENCES: 81
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: OLIFF & BERRIDGE
; STREET: P.O. Box 19928
; CITY: Alexandria
; STATE: Virginia
; ZIP: 22320
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/485,133
; FILING DATE: 7-JUN-1995
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/030,143
; FILING DATE: 11-MAR-1993
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Berridge, William P.
; REGISTRATION NUMBER: 30,024
; REFERENCE/DOCKET NUMBER: WPB 28596A
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 703-836-6400
; TELEFAX: 703-836-2787
; INFORMATION FOR SEQ ID NO: 27:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 14 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-08-485-133-27

Query Match      100.0%; Score 7; DB 2; Length 14;
Best Local Similarity 100.0%; Pred. No. 1.1e+04;
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 AGTATGA 7
Db 8 AGTATGA 14

RESULT 6
US-08-744-905A-4/c
; Sequence 4, Application US/08744905A
; Patent No. 5990294
; GENERAL INFORMATION:
; APPLICANT: Murphy, Gerald
; APPLICANT: Boynton, Alton
; APPLICANT: Sehgal, Anil
; TITLE OF INVENTION: NUCLEOTIDE AND AMINO ACID
; TITLE OF INVENTION: SEQUENCES OF C4-2, A TUMOR SUPPRESSOR GENE,
```

;; TITLE OF INVENTION: AND METHODS OF USE THEREOF
;; NUMBER OF SEQUENCES: 14
;; CORRESPONDENCE ADDRESS:
;; ADDRESSEE: Pennie & Edmonds
;; STREET: 1155 Avenue of the Americas
;; CITY: New York
;; STATE: NY
;; COUNTRY: USA
;; ZIP: 10036-2711
;; COMPUTER READABLE FORM:
;; MEDIUM TYPE: Diskette
;; COMPUTER: IBM Compatible
;; OPERATING SYSTEM: DOS
;; SOFTWARE: FastSeq version 2.0
;; CURRENT APPLICATION DATA:
;; APPLICATION NUMBER: US/08/744,905A
;; FILING DATE: 08-NOV-1996
;; CLASSIFICATION: 536
;; PRIOR APPLICATION DATA:
;; APPLICATION NUMBER:
;; FILING DATE:
;; ATTORNEY/AGENT INFORMATION:
;; NAME: Baldwin, Geraldine F
;; REGISTRATION NUMBER: 31,232
;; REFERENCE/DOCKET NUMBER: 8511-009
;; TELECOMMUNICATION INFORMATION:
;; TELEPHONE: (212)7909090
;; TELEFAX: (212)8698864
;; INFORMATION FOR SEQ ID NO: 4:
;; SEQUENCE CHARACTERISTICS:
;; LENGTH: 14 base pairs
;; TYPE: nucleic acid
;; STRANDEDNESS: single
;; TOPOLOGY: linear
;; FEATURE:
;; NAME/KEY: Modified Base
;; LOCATION: 1
;; OTHER INFORMATION: Where N is any nucleotide
US-08-744-905A-4

Query Match 100.0%; Score 7; DB 2; Length 14;
Best Local Similarity 100.0%; Pred. No. 1.1e+04;
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 AGTATGA 7
Db 14 AGTATGA 8

RESULT 7
US-08-334-847-24
; Sequence 24, Application US/08334847
; Patent No. 5693532
; GENERAL INFORMATION:
; APPLICANT: McSwiggen, James
; APPLICANT: Draper, Kenneth
; APPLICANT: Pavco, Pam
; APPLICANT: Woolf, Tod
; TITLE OF INVENTION: METHOD AND REAGENT FOR
; TITLE OF INVENTION: INHIBITING RESPIRATORY
; TITLE OF INVENTION: SYNCYTIAL VIRUS
; NUMBER OF SEQUENCES: 909
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb

;; MEDIUM TYPE: storage
;; COMPUTER: IBM Compatible
;; OPERATING SYSTEM: IBM P.C. DOS 5.0
;; SOFTWARE: Word Perfect 5.1
;; CURRENT APPLICATION DATA:
;; APPLICATION NUMBER: US/08/334,847
;; FILING DATE: No. 5693532ember 4, 1994
;; PRIOR APPLICATION DATA:
;; APPLICATION NUMBER:
;; FILING DATE:
;; ATTORNEY/AGENT INFORMATION:
;; NAME: Warburg, Richard J.
;; REGISTRATION NUMBER: 32,327
;; REFERENCE/DOCKET NUMBER: 209/032
;; TELECOMMUNICATION INFORMATION:
;; TELEPHONE: (213) 489-1600
;; TELEFAX: (213) 955-0440
;; TELEX: 67-3510
;; INFORMATION FOR SEQ ID NO: 24:
;; SEQUENCE CHARACTERISTICS:
;; LENGTH: 15 base pairs
;; TYPE: nucleic acid
;; STRANDEDNESS: single
;; TOPOLOGY: linear
US-08-334-847-24

Query Match 100.0%; Score 7; DB 1; Length 15;
Best Local Similarity 71.4%; Pred. No. 1.1e+04;
Matches 5; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

QY 1 AGTATGA 7
Db 5 AGAUGA 11

RESULT 8
US-08-334-847-327
; Sequence 327, Application US/08334847
; Patent No. 5693532
; GENERAL INFORMATION:
; APPLICANT: McSwiggen, James
; APPLICANT: Draper, Kenneth
; APPLICANT: Pavco, Pam
; APPLICANT: Woolf, Tod
; TITLE OF INVENTION: METHOD AND REAGENT FOR
; TITLE OF INVENTION: INHIBITING RESPIRATORY
; TITLE OF INVENTION: SYNCYTIAL VIRUS
; NUMBER OF SEQUENCES: 909
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/334,847
; FILING DATE: No. 5693532ember 4, 1994
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER:
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 209/032
; TELECOMMUNICATION INFORMATION:

TELEPHONE: (213) 489-1600
 TELEFAX: (213) 955-0440
 TELEFAX: 67-3510
 INFORMATION FOR SEQ ID NO: 327:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 15 base pairs
 TYPE: nucleic acid
 STRANDEDNESS: single
 TOPOLOGY: linear
 US-08-334-847-327

Query Match 100.0%; Score 7; DB 1; Length 15;
 Best Local Similarity 71.4%; Pred. No. 1.1e+04;
 Matches 5; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

Qy 1 AGTATGA 7
 ||:|:|
 Db 5 AGAUGA 11

RESULT 9

US-08-671-071B-2/c
 Sequence 2, Application US/08671071B
 Patent No. 5811270
 GENERAL INFORMATION:
 APPLICANT: Grandgenett, Duane
 TITLE OF INVENTION: An in vitro method for concerted integration of
 TITLE OF INVENTION: donor DNA molecules using retroviral integrase proteins.
 NUMBER OF SEQUENCES: 7
 CORRESPONDENCE ADDRESS:
 ADDRESSEE: Grandgenett, Duane
 STREET: 8610 Henrietta Ave
 CITY: Brentwood
 STATE: Missouri
 COUNTRY: USA
 ZIP: 63144

COMPUTER READABLE FORM:
 MEDIUM TYPE: Distette, 3.5 inch;
 COMPUTER: Gateway 2000, 4DX2-66E(Intel)
 OPERATING SYSTEM: IBM clone
 SOFTWARE: Microsoft Word
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/08/671,071B
 FILING DATE: 06/27/96
 CLASSIFICATION: 435
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: (314) 962-0064
 TELEFAX: (314) 577-8406
 INFORMATION FOR SEQ ID NO: 2:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 15 bases
 TYPE: nucleic acid
 STRANDEDNESS: double
 TOPOLOGY: linear
 MOLECULE TYPE: other nucleic acid
 HYPOTHETICAL: no
 ANTI-SENSE: no
 ORIGINAL SOURCE: Combination of avian or HIV-1 retrovirus
 ORIGINAL SOURCE: DNA, p1a7 plasmid and pGEM plasmid.
 IMMEDIATE SOURCE: Same as in 2, vi.
 FEATURE:
 OTHER INFORMATION: The sequence is the bottom strand of
 OTHER INFORMATION: M-2 U5 and the pGEM target of the top clone shown in
 OTHER INFORMATION: Figure 14 of original application.

US-08-671-071B-2
 Query Match 100.0%; Score 7; DB 1; Length 15;
 Best Local Similarity 100.0%; Pred. No. 1.1e+04;
 Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 AGTATGA 7
 ||:|:|
 Db 9 AGTATGA 3

RESULT 10

US-08-747-121-4/c
 Sequence 4, Application US/08747121
 Patent No. 5874290
 GENERAL INFORMATION:
 APPLICANT: Murphy, Gerald
 APPLICANT: Boynton, Alton
 APPLICANT: Sehgal, Anil
 TITLE OF INVENTION: NUCLEOTIDE AND AMINO ACID
 TITLE OF INVENTION: SEQUENCES OF A D2-2 GENE ASSOCIATED WITH
 TITLE OF INVENTION: BRAIN TUMORS AND METHODS BASED THEREON
 NUMBER OF SEQUENCES: 20
 CORRESPONDENCE ADDRESS:
 ADDRESSEE: Pennie & Edmonds
 STREET: 1155 Avenue of the Americas
 CITY: New York
 STATE: NY
 COUNTRY: USA
 ZIP: 10036-2711

COMPUTER READABLE FORM:
 MEDIUM TYPE: Diskette
 COMPUTER: IBM Compatible
 OPERATING SYSTEM: DOS
 SOFTWARE: FastSeq Version 2.0
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/08/747,121
 FILING DATE: 08-NOV-1996
 CLASSIFICATION: 514
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER:
 FILING DATE:
 ATTORNEY/AGENT INFORMATION:
 NAME: Baldwin, Geraldine F
 REGISTRATION NUMBER: 31,232
 REFERENCE/DOCKET NUMBER: 8511-008
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: (212) 7909090
 TELEFAX: (212) 8698864
 TELEX: 66141 PENNIE

INFORMATION FOR SEQ ID NO: 4:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 15 base pairs
 TYPE: nucleic acid
 STRANDEDNESS: single
 TOPOLOGY: linear
 FEATURE:
 NAME/KEY: Modified Base
 LOCATION: 1
 OTHER INFORMATION: Where N is any nucleotide

US-08-747-121-4
 Query Match 100.0%; Score 7; DB 2; Length 15;
 Best Local Similarity 100.0%; Pred. No. 1.1e+04;
 Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 AGTATGA 7
 ||:|:|
 Db 15 AGTATGA 9

RESULT 11

US-08-585-684B-130
 Sequence 130, Application US/08585684B
 Patent No. 5877021
 GENERAL INFORMATION:
 APPLICANT: Stinchcomb, Daniel T.
 APPLICANT: Jarvis, Thale
 APPLICANT: McSwiggen, James
 TITLE OF INVENTION: METHOD AND REAGENT FOR THE
 TITLE OF INVENTION: INDUCTION OF GRAFT TOLERANCE
 TITLE OF INVENTION: AND REVERSAL OF IMMUNE RESPONSES

;/ NUMBER OF SEQUENCES: 2751
;/ CORRESPONDENCE ADDRESS:
;/ ADDRESSEE: Lyon & Lyon
;/ STREET: 633 West Fifth Street
;/ CITY: Los Angeles
;/ STATE: California
;/ COUNTRY: U.S.A.
;/ ZIP: 90071
;/ COMPUTER READABLE FORM:
;/ MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
;/ MEDIUM TYPE: storage
;/ COMPUTER: IBM Compatible
;/ OPERATING SYSTEM: IBM P.C. DOS 5.0
;/ SOFTWARE: FastSeq Version 1.5
;/ CURRENT APPLICATION DATA:
;/ APPLICATION NUMBER: US/08/585,684B
;/ FILING DATE: January 16, 1996
;/ PRIOR APPLICATION DATA:
;/ APPLICATION NUMBER: 60/000,951
;/ FILING DATE: July 7, 1995
;/ ATTORNEY/AGENT INFORMATION:
;/ NAME: Warburg, Richard
;/ REGISTRATION NUMBER: 32,327
;/ REFERENCE/DOCKET NUMBER: 218/078
;/ TELECOMMUNICATION INFORMATION:
;/ TELEPHONE: (213) 489-1600
;/ TELEFAX: (213) 955-0440
;/ TELEX: 67-3510
;/ INFORMATION FOR SEQ ID NO: 130:
;/ SEQUENCE CHARACTERISTICS:
;/ LENGTH: 15 base pairs
;/ TYPE: nucleic acid
;/ STRANDEDNESS: single
;/ TOPOLOGY: linear
;/ US-08-585-684B-130

Query Match 100.0%; Score 7; DB 2; Length 15;
Best Local Similarity 71.4%; Pred. No. 1.1e+04;
Matches 5; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

QY 1 AGTATGA 7
Db 5 AGAUGA 11
||:|:|

RESULT 12
US-08-585-684B-1315
; Sequence 1315, Application US/08585684B
; Patent No. 5877021
; GENERAL INFORMATION:
; APPLICANT: Stinchcomb, Daniel T.
; APPLICANT: Jarvis, Thale
; APPLICANT: McSwigen, James
; TITLE OF INVENTION: METHOD AND REAGENT FOR THE
; TITLE OF INVENTION: INDUCTION OF GRAFT TOLERANCE
; TITLE OF INVENTION: AND REVERSAL OF IMMUNE RESPONSES
; NUMBER OF SEQUENCES: 2751
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: FastSeq Version 1.5
; CURRENT APPLICATION DATA:

;/ APPLICATION NUMBER: US/08/585,684B
;/ FILING DATE: January 16, 1996
;/ PRIOR APPLICATION DATA:
;/ APPLICATION NUMBER: 60/000,951
;/ FILING DATE: July 7, 1995
;/ ATTORNEY/AGENT INFORMATION:
;/ NAME: Warburg, Richard
;/ REGISTRATION NUMBER: 32,327
;/ REFERENCE/DOCKET NUMBER: 218/078
;/ TELECOMMUNICATION INFORMATION:
;/ TELEPHONE: (213) 489-1600
;/ TELEFAX: (213) 955-0440
;/ TELEX: 67-3510
;/ INFORMATION FOR SEQ ID NO: 1315:
;/ SEQUENCE CHARACTERISTICS:
;/ LENGTH: 15 base pairs
;/ TYPE: nucleic acid
;/ STRANDEDNESS: single
;/ TOPOLOGY: linear
;/ US-08-585-684B-1315

Query Match 100.0%; Score 7; DB 2; Length 15;
Best Local Similarity 71.4%; Pred. No. 1.1e+04;
Matches 5; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

QY 1 AGTATGA 7
Db 5 AGAUGA 11
||:|:|

RESULT 13
US-08-485-133-28
; Sequence 28, Application US/08485133
; Patent No. 5976789
; GENERAL INFORMATION:
; APPLICANT: Allibert, Patrice A.
; APPLICANT: Cros, Philippe
; APPLICANT: Mach, Bernard F.
; APPLICANT: Mandrand, Bernard F.
; APPLICANT: Tiercy, Jean-Marie
; TITLE OF INVENTION: SYSTEM OF PROBES ENABLING HLA-DR TYPING
; TITLE OF INVENTION: TO BE PERFORMED, AND TYPING METHOD USING SAID PROBES
; NUMBER OF SEQUENCES: 81
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: OLIFF & BERRIDGE
; STREET: P.O. Box 19928
; CITY: Alexandria
; STATE: Virginia
; ZIP: 22320
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/485,133
; FILING DATE: 7-JUN-1995
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/030,143
; FILING DATE: 11-MAR-1993
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Berridge, William P.
; REGISTRATION NUMBER: 30,024
; REFERENCE/DOCKET NUMBER: WPB 28596A
;/ TELECOMMUNICATION INFORMATION:
;/ TELEPHONE: 703-836-6400
;/ TELEFAX: 703-836-2787
;/ INFORMATION FOR SEQ ID NO: 28:
;/ SEQUENCE CHARACTERISTICS:
;/ LENGTH: 15 base pairs
;/ TYPE: nucleic acid

;
; STRANDEDNESS: single
; TOPOLOGY: linear
US-08-485-133-28

Query Match 100.0%; Score 7; DB 2; Length 15;
Best Local Similarity 100.0%; Pred. No. 1.1e+04;
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 AGTATGA 7
|||||||
Db 9 AGTATGA 15

RESULT 14
US-09-094-714A-33/c

; Sequence 33, Application US/09094714A
; Patent No. 6117847
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett, Nicholas M. Dean
; TITLE OF INVENTION: OLIGONUCLEOTIDES FOR ENHANCED MODULATION OF
; TITLE OF INVENTION: PROTEIN KINASE C EXPRESSION
; NUMBER OF SEQUENCES: 69
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Woodcock Washburn Kurtz Mackiewicz & No. 6117847ris, LLP
; STREET: One Liberty Place - 46th Floor
; CITY: Philadelphia
; STATE: PA
; COUNTRY: USA
; ZIP: 19103

; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE

; COMPUTER: IBM PS/2
; OPERATING SYSTEM: PC-DOS
; SOFTWARE: WORDPERFECT 8.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/094,714A
; FILING DATE: June 15, 1998
; CLASSIFICATION: 435

; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/601,269
; FILING DATE: 14-FEB-1996

; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/478,178
; FILING DATE: 07-JUN-1995

; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/089,996
; FILING DATE: 09-JUL-1993

; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 07/852,852
; FILING DATE: 16-MAR-1992

; ATTORNEY/AGENT INFORMATION:
; NAME: Paul K. Legaard
; REGISTRATION NUMBER: 38,534
; REFERENCE/DOCKET NUMBER: ISIS-2943

; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (215) 568-3100
; TELEFAX: (215) 568-3439

; INFORMATION FOR SEQ ID NO: 33:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 15
; TYPE: nucleic acid

; STRANDEDNESS: single
; TOPOLOGY: linear

US-09-094-714A-33

Query Match 100.0%; Score 7; DB 3; Length 15;
Best Local Similarity 100.0%; Pred. No. 1.1e+04;
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 AGTATGA 7
|||||||
Db 12 AGTATGA 6

RESULT 15

US-09-094-714A-34/c

; Sequence 34, Application US/09094714A
; Patent No. 6117847
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett, Nicholas M. Dean
; TITLE OF INVENTION: OLIGONUCLEOTIDES FOR ENHANCED MODULATION OF
; TITLE OF INVENTION: PROTEIN KINASE C EXPRESSION
; NUMBER OF SEQUENCES: 69
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Woodcock Washburn Kurtz Mackiewicz & No. 6117847ris, LLP
; STREET: One Liberty Place - 46th Floor
; CITY: Philadelphia
; STATE: PA
; COUNTRY: USA
; ZIP: 19103

; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE

; COMPUTER: IBM PS/2
; OPERATING SYSTEM: PC-DOS
; SOFTWARE: WORDPERFECT 8.0

; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/094,714A
; FILING DATE: June 15, 1998
; CLASSIFICATION: 435

; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/601,269
; FILING DATE: 14-FEB-1996

; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/478,178
; FILING DATE: 07-JUN-1995

; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/089,996
; FILING DATE: 09-JUL-1993

; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 07/852,852
; FILING DATE: 16-MAR-1992

; ATTORNEY/AGENT INFORMATION:
; NAME: Paul K. Legaard
; REGISTRATION NUMBER: 38,534
; REFERENCE/DOCKET NUMBER: ISIS-2943

; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (215) 568-3100
; TELEFAX: (215) 568-3439

; INFORMATION FOR SEQ ID NO: 34:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 15
; TYPE: nucleic acid

; STRANDEDNESS: single
; TOPOLOGY: linear

US-09-094-714A-34

Query Match 100.0%; Score 7; DB 3; Length 15;
Best Local Similarity 100.0%; Pred. No. 1.1e+04;
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 AGTATGA 7
|||||||
Db 14 AGTATGA 8

Search completed: August 1, 2004, 23:41:53
Job time : 25.7561 secs

GenCore version 5.1.6
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OM nucleic - nucleic search, using sw model

Run on: August 1, 2004, 23:28:09 ; Search time 124.122 Seconds
(without alignments)
276.518 Million cell updates/sec

Title: US-09-540-843-3

Perfect score: 7

Sequence: 1 agtatga 7

Scoring table: IDENTITY NUC

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Searched: 3222919 seqs, 2451570024 residues

Total number of hits satisfying chosen parameters: 2259480

Minimum DB seq length: 0

Maximum DB seq length: 200

Post-processing: Minimum Match 0%

Maximum Match 100%

Listing first 45 summaries

Database : Published Applications NA.*

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- 5: /cgn2_6/ptodata/2/pubpna/US07_NEW_PUB.seq.*
- 6: /cgn2_6/ptodata/2/pubpna/PCTUS_PUBCOMB.seq.*
- 7: /cgn2_6/ptodata/2/pubpna/US08_NEW_PUB.seq.*
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- 14: /cgn2_6/ptodata/2/pubpna/US10_PUBCOMB.seq.*
- 15: /cgn2_6/ptodata/2/pubpna/US10_PUBCOMB.seq.*
- 16: /cgn2_6/ptodata/2/pubpna/US10_PUBCOMB.seq.*
- 17: /cgn2_6/ptodata/2/pubpna/US10_NEW_PUB.seq.*
- 18: /cgn2_6/ptodata/2/pubpna/US60_NEW_PUB.seq.*
- 19: /cgn2_6/ptodata/2/pubpna/US60_PUBCOMB.seq.*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	ID	Description
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3	7	100.0	7	15	US-10-122-633-3
4	7	100.0	7	15	US-10-122-633-7
5	7	100.0	9	15	US-10-122-630-1
6	7	100.0	9	15	US-10-122-633-1
7	7	100.0	10	9	US-09-398-399-31
8	7	100.0	10	9	US-09-398-399-31
9	7	100.0	10	14	US-10-033-145-1423
10	7	100.0	10	15	US-10-329-465-30
11	7	100.0	10	16	US-10-193-507-58
12	7	100.0	11	17	US-10-612-224-97
13	7	100.0	11	17	US-10-450-797-482
14	7	100.0	12	15	US-10-150-779A-15

c	15	7	100.0	12	15	US-10-150-779A-16
	16	7	100.0	13	10	US-09-740-332-4624
	17	7	100.0	13	10	US-09-817-879-4624
	18	7	100.0	13	13	US-10-461-790-140
	19	7	100.0	13	17	US-10-669-841-7217
c	20	7	100.0	14	9	US-09-875-440-22
	21	7	100.0	14	13	US-10-366-823-3
	22	7	100.0	15	9	US-09-504-231A-527
	23	7	100.0	15	9	US-09-504-231A-528
	24	7	100.0	15	9	US-09-504-231A-529
c	25	7	100.0	15	9	US-09-504-231A-1527
c	26	7	100.0	15	9	US-09-504-231A-1569
c	27	7	100.0	15	9	US-09-504-231A-1570
	28	7	100.0	15	9	US-09-398-399-30
	29	7	100.0	15	9	US-09-899-381-30
	30	7	100.0	15	9	US-09-274-553D-527
	31	7	100.0	15	9	US-09-274-553D-528
	32	7	100.0	15	9	US-09-274-553D-529
c	33	7	100.0	15	9	US-09-274-553D-1527
c	34	7	100.0	15	9	US-09-274-553D-1569
c	35	7	100.0	15	9	US-09-274-553D-1570
c	36	7	100.0	15	9	US-09-272-343-1
	37	7	100.0	15	9	US-09-272-343-2
	38	7	100.0	15	10	US-09-740-332-4558
	39	7	100.0	15	10	US-09-740-332-4571
	40	7	100.0	15	10	US-09-817-879-4558
	41	7	100.0	15	10	US-09-817-879-4571
	42	7	100.0	15	16	US-10-440-850-88
	43	7	100.0	15	16	US-10-440-850-569
c	44	7	100.0	15	16	US-10-193-507-26
	45	7	100.0	15	17	US-10-669-841-7151

ALIGNMENTS

RESULT 1

US-10-122-630-3
; Sequence 3, Application US/10122630
; Publication NO. US20030032610A1
; GENERAL INFORMATION:
; APPLICANT: Gilchrist, Barbara A.
; APPLICANT: Yaar, Mark S.
; TITLE OF INVENTION: Method to Inhibit Cell Growth Using
; TITLE OF INVENTION: Oligonucleotides
; FILE REFERENCE: 0054.1088-018
; CURRENT APPLICATION NUMBER: US/10/122,630
; CURRENT FILING DATE: 2002-04-12
; PRIOR APPLICATION NUMBER: US 08/467,012
; PRIOR FILING DATE: 1995-06-06
; PRIOR APPLICATION NUMBER: PCT/US96/08386
; PRIOR FILING DATE: 1996-06-03
; PRIOR APPLICATION NUMBER: US 09/048,927
; PRIOR FILING DATE: 1998-03-26
; PRIOR APPLICATION NUMBER: US 09/540,843
; PRIOR FILING DATE: 2000-03-31
; PRIOR APPLICATION NUMBER: PCT/US01/10162
; PRIOR FILING DATE: 2001-03-30
; NUMBER OF SEQ ID NOS: 15
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 3
; LENGTH: 7
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic DNA Fragment
US-10-122-630-3

Query Match 100.0%; Score 7; DB 15; Length 7;
Best Local Similarity 100.0%; Pred. No. 6.8e+08;
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 AGTATGA 7
|||||
Db 1 AGTATGA 7

RESULT 2

US-10-122-630-7
; Sequence 7, Application US/10122630
; Publication No. US20030032610A1
; GENERAL INFORMATION:
; APPLICANT: Gilchrest, Barbara A.
; APPLICANT: Yaar, Mark S.
; TITLE OF INVENTION: Method to Inhibit Cell Growth Using
; FILE REFERENCE: 0054.1088-018
; CURRENT APPLICATION NUMBER: US/10/122,630
; PRIOR FILING DATE: 2002-04-12
; PRIOR APPLICATION NUMBER: US 08/467,012
; PRIOR FILING DATE: 1995-06-06
; PRIOR APPLICATION NUMBER: PCT/US96/08386
; PRIOR FILING DATE: 1996-06-03
; PRIOR APPLICATION NUMBER: US 09/048,927
; PRIOR FILING DATE: 1998-03-26
; PRIOR APPLICATION NUMBER: US 09/540,843
; PRIOR FILING DATE: 2000-03-31
; PRIOR APPLICATION NUMBER: PCT/US01/10162
; PRIOR FILING DATE: 2001-03-30
; NUMBER OF SEQ ID NOS: 15
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 7
; LENGTH: 7
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic DNA Fragment
US-10-122-630-7

Query Match 100.0%; Score 7; DB 15; Length 7;
Best Local Similarity 100.0%; Pred. No. 6.8e+08;
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
Qy 1 AGTATGA 7
|||||
Db 1 AGTATGA 7

RESULT 3

US-10-122-633-3
; Sequence 3, Application US/10122633
; Publication No. US20030032611A1
; GENERAL INFORMATION:
; APPLICANT: Gilchrest, Barbara A.
; APPLICANT: Eller, Mark S.
; TITLE OF INVENTION: Method to Inhibit Cell Growth Using
; FILE REFERENCE: 0054.1088-019
; CURRENT APPLICATION NUMBER: US/10/122,633
; PRIOR FILING DATE: 2002-04-12
; PRIOR APPLICATION NUMBER: US 09/540,843
; PRIOR FILING DATE: 2000-03-31
; PRIOR APPLICATION NUMBER: PCT/US01/10162
; PRIOR FILING DATE: 2001-03-30
; NUMBER OF SEQ ID NOS: 15
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 3
; LENGTH: 7
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic DNA Fragment
US-10-122-633-3

Query Match 100.0%; Score 7; DB 15; Length 7;
Best Local Similarity 100.0%; Pred. No. 6.8e+08;
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 AGTATGA 7
|||||
Db 1 AGTATGA 7

RESULT 4

US-10-122-633-7
; Sequence 7, Application US/10122633
; Publication No. US20030032611A1
; GENERAL INFORMATION:
; APPLICANT: Gilchrest, Barbara A.
; APPLICANT: Yaar, Mark S.
; TITLE OF INVENTION: Method to Inhibit Cell Growth Using
; FILE REFERENCE: 0054.1088-019
; CURRENT APPLICATION NUMBER: US/10/122,633
; PRIOR FILING DATE: 2002-04-12
; PRIOR APPLICATION NUMBER: US 09/540,843
; PRIOR FILING DATE: 2000-03-31
; PRIOR APPLICATION NUMBER: PCT/US01/10162
; PRIOR FILING DATE: 2001-03-30
; NUMBER OF SEQ ID NOS: 15
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 7
; LENGTH: 7
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic DNA Fragment
US-10-122-633-7

Query Match 100.0%; Score 7; DB 15; Length 7;
Best Local Similarity 100.0%; Pred. No. 6.8e+08;
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 AGTATGA 7
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Db 1 AGTATGA 7

RESULT 5

US-10-122-630-1
; Sequence 1, Application US/10122630
; Publication No. US20030032610A1
; GENERAL INFORMATION:
; APPLICANT: Gilchrest, Barbara A.
; APPLICANT: Eller, Mark S.
; TITLE OF INVENTION: Method to Inhibit Cell Growth Using
; FILE REFERENCE: 0054.1088-018
; CURRENT APPLICATION NUMBER: US/10/122,630
; PRIOR FILING DATE: 2002-04-12
; PRIOR APPLICATION NUMBER: US 08/467,012
; PRIOR FILING DATE: 1995-06-06
; PRIOR APPLICATION NUMBER: PCT/US96/08386
; PRIOR FILING DATE: 1996-06-03
; PRIOR APPLICATION NUMBER: US 09/048,927
; PRIOR FILING DATE: 1998-03-26
; PRIOR APPLICATION NUMBER: US 09/540,843
; PRIOR FILING DATE: 2000-03-31
; PRIOR APPLICATION NUMBER: PCT/US01/10162
; PRIOR FILING DATE: 2001-03-30
; NUMBER OF SEQ ID NOS: 15
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 1
; LENGTH: 9

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; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic DNA Fragment
US-10-122-630-1
Query Match      100.0%; Score 7; DB 15; Length 9;
Best Local Similarity 100.0%; Pred. No. 5.3e+08;
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 AGTATGA 7
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Db 2 AGTATGA 8

RESULT 6
US-10-122-633-1
; Sequence 1, Application US/10122633
; Publication No. US20030032611A1
; GENERAL INFORMATION:
; APPLICANT: Gilchrist, Barbara A.
; APPLICANT: Eller, Mark S.
; TITLE OF INVENTION: Method to Inhibit Cell Growth Using
; FILE REFERENCE: 0054.1088-019
; CURRENT APPLICATION NUMBER: US/10/122,633
; CURRENT FILING DATE: 2002-04-12
; PRIOR APPLICATION NUMBER: US 09/540,843
; PRIOR FILING DATE: 2000-03-31
; PRIOR APPLICATION NUMBER: PCT/US01/10162
; PRIOR FILING DATE: 2001-03-30
; NUMBER OF SEQ ID NOS: 15
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 1
; TYPE: DNA
; LENGTH: 9
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic DNA Fragment
US-10-122-633-1
Query Match      100.0%; Score 7; DB 15; Length 9;
Best Local Similarity 100.0%; Pred. No. 5.3e+08;
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 AGTATGA 7
   |||||
Db 2 AGTATGA 8

RESULT 7
US-09-398-399-31
; Sequence 31, Application US/09398399
; Patent No. US20020051973A1
; GENERAL INFORMATION:
; APPLICANT: DELENSTARR, GLENDA C.
; APPLICANT: LEFKOWITZ, STEVEN M.
; APPLICANT: LUEBKE, KEVIN J.
; APPLICANT: OVERMAN, LESLIE B.
; APPLICANT: SAMPRAS, NICHOLAS M.
; APPLICANT: SAMPSON, JEFFREY R.
; APPLICANT: WOLBER, PAUL K.
; TITLE OF INVENTION: TECHNIQUES FOR ASSESSING NONSPECIFIC BINDING OF NUCLEIC
; FILE REFERENCE: 10981620-1
; CURRENT APPLICATION NUMBER: US/09/398,399
; CURRENT FILING DATE: 1999-09-17
; NUMBER OF SEQ ID NOS: 35
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 31
; LENGTH: 10
; TYPE: DNA

; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Probe
US-09-398-399-31
Query Match      100.0%; Score 7; DB 9; Length 10;
Best Local Similarity 100.0%; Pred. No. 1.6e+05;
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 AGTATGA 7
   |||||
Db 1 AGTATGA 7

RESULT 8
US-09-899-381-31
; Sequence 31, Application US/09899381
; Patent No. US20020068293A1
; GENERAL INFORMATION:
; APPLICANT: Delenstarr, Glend C.
; APPLICANT: Wolber, Paul K.
; APPLICANT: Sana, Theodore R.
; TITLE OF INVENTION: Arrays Having Background Features and
; FILE REFERENCE: 10010760-1
; CURRENT APPLICATION NUMBER: US/09/899,381
; CURRENT FILING DATE: 2001-07-05
; PRIOR APPLICATION NUMBER: 09/398,399
; PRIOR FILING DATE: 1999-09-17
; NUMBER OF SEQ ID NOS: 53
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 31
; LENGTH: 10
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: synthetic probe
US-09-899-381-31
Query Match      100.0%; Score 7; DB 9; Length 10;
Best Local Similarity 100.0%; Pred. No. 1.6e+05;
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 AGTATGA 7
   |||||
Db 1 AGTATGA 7

RESULT 9
US-10-033-145-1423/c
; Sequence 1423, Application US/10033145
; Publication No. US2002015151A1
; GENERAL INFORMATION:
; APPLICANT: GENZYME CORPORATION
; APPLICANT: ROBERTS, BRUCE
; APPLICANT: SHANKARA, SRINIVAS
; TITLE OF INVENTION: PREPARATION AND USE OF SUPERIOR VACCINES
; FILE REFERENCE: GAO201C
; CURRENT APPLICATION NUMBER: US/10/033,145
; CURRENT FILING DATE: 2001-11-05
; PRIOR APPLICATION NUMBER: PCT/US99/13800
; PRIOR FILING DATE: 1999-06-18
; NUMBER OF SEQ ID NOS: 2137
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 1423
; LENGTH: 10
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-033-145-1423
Query Match      100.0%; Score 7; DB 14; Length 10;
Best Local Similarity 100.0%; Pred. No. 1.6e+05;
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
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Qy 1 AGTATGA 7
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Db 7 AGTATGA 1

RESULT 10

US-10-329-465-30/c
; Sequence 30, Application US/10329465
; Publication No. US20030165949A1
; GENERAL INFORMATION:

; APPLICANT: Wang et al.
; TITLE OF INVENTION: GENES ABNORMALLY EXPRESSED IN MYELOID LEUKEMIA CELLS WITH AN MLL-
; TITLE OF INVENTION: FUSION
; FILE REFERENCE: 27373/37928A
; CURRENT APPLICATION NUMBER: US/10/329,465
; PRIOR FILING DATE: 2002-12-23
; PRIOR APPLICATION NUMBER: US 60/343,826
; PRIOR FILING DATE: 2001-12-27
; NUMBER OF SEQ ID NOS: 315
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 30
; LENGTH: 10
; TYPE: DNA
; ORGANISM: Artificial sequence
; FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotide
US-10-329-465-30

Query Match 100.0%; Score 7; DB 15; Length 10;
Best Local Similarity 100.0%; Pred. No. 1.6e+05;
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 AGTATGA 7
|||||||
Db 10 AGTATGA 4

RESULT 11

US-10-193-507-58/c
; Sequence 58, Application US/10193507
; Publication No. US20040018493A1
; GENERAL INFORMATION:

; APPLICANT: Anastasio, Alison E.
; APPLICANT: Kazemi, Amir
; APPLICANT: Lachowicz, Michael F.
; APPLICANT: Pabon, Vicente
; APPLICANT: Shah, Nisha
; TITLE OF INVENTION: HAPLOTYPES OF THE CD3E GENE
; FILE REFERENCE: MMH-2790US
; CURRENT APPLICATION NUMBER: US/10/193,507
; CURRENT FILING DATE: 2002-07-12
; PRIOR APPLICATION NUMBER: 60/304,573
; PRIOR FILING DATE: 2001-07-11
; NUMBER OF SEQ ID NOS: 86
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 58
; LENGTH: 10
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-193-507-58

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Best Local Similarity 100.0%; Pred. No. 1.6e+05;
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 AGTATGA 7
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Db 9 AGTATGA 3

RESULT 12

US-10-612-224-97/c

; Sequence 97, Application US/10612224
; Publication No. US20040137011A1
; GENERAL INFORMATION:

; APPLICANT: Cunningham, Philip R.
; TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR THE
; TITLE OF INVENTION: IDENTIFICATION OF ANTIBIOTICS THAT ARE NOT SUSCEPTIBLE TO
; TITLE OF INVENTION: ANTIBIOTIC RESISTANCE
; FILE REFERENCE: WSV-2597
; CURRENT APPLICATION NUMBER: US/10/612,224
; CURRENT FILING DATE: 2003-07-01
; PRIOR APPLICATION NUMBER: 60/393237
; PRIOR FILING DATE: 2002-07-01
; PRIOR APPLICATION NUMBER: 60/452012
; PRIOR FILING DATE: 2003-03-05
; NUMBER OF SEQ ID NOS: 245
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 97
; LENGTH: 11
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: primer
US-10-612-224-97

Query Match 100.0%; Score 7; DB 17; Length 11;
Best Local Similarity 100.0%; Pred. No. 1.6e+05;
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 AGTATGA 7
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Db 7 AGTATGA 1

RESULT 13

US-10-450-797-482
; Sequence 482, Application US/10450797
; Publication No. US20040142335A1
; GENERAL INFORMATION:

; APPLICANT: Petersohn, Dirk
; APPLICANT: Conradt, Marcus
; APPLICANT: Hofmann, Kay
; TITLE OF INVENTION: METHOD FOR DETERMINING SKIN STRESS OR SKIN AGEING IN VITRO
; FILE REFERENCE: HENK-0041
; CURRENT APPLICATION NUMBER: US/10/450,797
; CURRENT FILING DATE: 2003-12-04
; PRIOR APPLICATION NUMBER: PCT/EP01/15178
; PRIOR FILING DATE: 2001-12-20
; PRIOR APPLICATION NUMBER: DE 101 00 121.5
; PRIOR FILING DATE: 2001-01-03
; NUMBER OF SEQ ID NOS: 1435
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 482
; LENGTH: 11
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-450-797-482

Query Match 100.0%; Score 7; DB 17; Length 11;
Best Local Similarity 100.0%; Pred. No. 1.6e+05;
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 AGTATGA 7
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Db 1 AGTATGA 7

RESULT 14

US-10-150-779A-15/c
; Sequence 15, Application US/10150779A
; Publication No. US20030125241A1
; GENERAL INFORMATION:

; APPLICANT: WISSENBACH, MARGIT
; APPLICANT: KOCH, TROELS

; APPLICANT: ORUM, HENRICK
; APPLICANT: HANSEN, BO
; TITLE OF INVENTION: THERAPEUTIC USES OF LNA-MODIFIED OLIGONUCLEOTIDES IN
; FILE REFERENCE: 55704 (45120)
; CURRENT APPLICATION NUMBER: US/10/150,779A
; CURRENT FILING DATE: 2003-02-07
; PRIOR APPLICATION NUMBER: 60/291,830
; PRIOR FILING DATE: 2001-05-18
; NUMBER OF SEQ ID NOS: 16
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 15
; LENGTH: 12
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
; OTHER INFORMATION: oligonucleotide
US-10-150-779A-15

Query Match 100.0%; Score 7; DB 15; Length 12;
Best Local Similarity 100.0%; Pred. No. 1.6e+05;
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 AGTATGA 7
Db 11 AGTATGA 5

RESULT 15
US-10-150-779A-16/c
; Sequence 16, Application US/10150779A
; Publication No. US20030125241A1
; GENERAL INFORMATION:
; APPLICANT: WISENBACH, MARGIT
; APPLICANT: KOCH, TROELS
; APPLICANT: ORUM, HENRICK
; APPLICANT: HANSEN, BO
; TITLE OF INVENTION: THERAPEUTIC USES OF LNA-MODIFIED OLIGONUCLEOTIDES IN
; FILE REFERENCE: 55704 (45120)
; CURRENT APPLICATION NUMBER: US/10/150,779A
; CURRENT FILING DATE: 2003-02-07
; PRIOR APPLICATION NUMBER: 60/291,830
; PRIOR FILING DATE: 2001-05-18
; NUMBER OF SEQ ID NOS: 16
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 16
; LENGTH: 12
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
; OTHER INFORMATION: DNA oligonucleotide with phosphorothioate backbone
US-10-150-779A-16

Query Match 100.0%; Score 7; DB 15; Length 12;
Best Local Similarity 100.0%; Pred. No. 1.6e+05;
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 AGTATGA 7
Db 11 AGTATGA 5

Search completed: August 2, 2004, 02:14:40
Job time : 125.122 secs

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OM nucleic - nucleic search, using sw model

Run on: August 1, 2004, 23:28:09 ; Search time 159.585 Seconds
(without alignments)
276.518 Million cell updates/sec

Title: US-09-540-843-2

Perfect score: 9

Sequence: 1 taggagat 9

Scoring table: IDENTITY_NUC

Gapop 10.0 , Gapext 1.0

Searched: 3222919 seqs, 2451570024 residues

Total number of hits satisfying chosen parameters: 2259480

Minimum DB seq length: 0

Maximum DB seq length: 200

Post-processing: Minimum Match 0%

Maximum Match 100%

Listing first 45 summaries

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3: /cgn2_6/ptodata/2/pubpna/US06_NEW_PUB.seq:*

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19: /cgn2_6/ptodata/2/pubpna/US60_PUBCOMB.seq:*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

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4	9	100.0	16	10	US-09-882-945A-169
5	9	100.0	17	15	US-10-340-182-22
6	9	100.0	17	15	US-10-339-793-97
7	9	100.0	20	9	US-09-766-154-19
8	9	100.0	20	10	US-09-828-344-162
9	9	100.0	20	10	US-09-828-344-163
10	9	100.0	20	15	US-09-828-344-164
11	9	100.0	20	15	US-10-008-191-104
12	9	100.0	20	16	US-10-277-216-200
13	9	100.0	20	16	US-10-349-143-6304
14	9	100.0	20	17	US-10-126-022-200

C 15	9	100.0	20	17	US-10-280-183A-484	Sequence 484, Appl
C 16	9	100.0	21	10	US-09-816-814-13	Sequence 13, Appl
C 17	9	100.0	21	15	US-10-160-764-17	Sequence 17, Appl
C 18	9	100.0	21	15	US-10-165-099-341	Sequence 341, Appl
C 19	9	100.0	21	16	US-10-349-143-9775	Sequence 9775, Appl
C 20	9	100.0	21	16	US-10-229-541A-23	Sequence 23, Appl
C 21	9	100.0	23	13	US-10-027-632-68219	Sequence 68219, A
C 22	9	100.0	23	16	US-10-027-632-68219	Sequence 68219, A
C 23	9	100.0	23	16	US-10-379-836-12	Sequence 12, Appl
C 24	9	100.0	23	16	US-10-379-836-13	Sequence 13, Appl
C 25	9	100.0	25	15	US-10-098-263B-7075	Sequence 7075, Appl
C 26	9	100.0	25	15	US-10-098-263B-9560	Sequence 9560, Appl
C 27	9	100.0	25	15	US-10-098-263B-17185	Sequence 17185, A
C 28	9	100.0	25	15	US-10-098-263B-23551	Sequence 23551, A
C 29	9	100.0	25	15	US-10-098-263B-23552	Sequence 23552, A
C 30	9	100.0	25	15	US-10-098-263B-72304	Sequence 72304, A
C 31	9	100.0	25	15	US-10-098-263B-86788	Sequence 86788, A
C 32	9	100.0	25	15	US-10-098-263B-97448	Sequence 97448, A
C 33	9	100.0	25	15	US-10-098-263B-97906	Sequence 97906, A
C 34	9	100.0	25	15	US-10-098-263B-99873	Sequence 99873, A
C 35	9	100.0	25	15	US-10-098-263B-99874	Sequence 99874, A
C 36	9	100.0	25	15	US-10-098-263B-112143	Sequence 112143, A
C 37	9	100.0	25	15	US-10-098-263B-125474	Sequence 125474, A
C 38	9	100.0	26	10	US-09-949-427-202	Sequence 202, Appl
C 39	9	100.0	26	13	US-09-949-428-202	Sequence 202, Appl
C 40	9	100.0	27	15	US-10-008-140B-15	Sequence 15, Appl
C 41	9	100.0	27	15	US-10-008-140B-26	Sequence 26, Appl
C 42	9	100.0	27	16	US-10-080-334-351	Sequence 351, Appl
C 43	9	100.0	28	9	US-09-764-246-33	Sequence 33, Appl
C 44	9	100.0	28	17	US-10-716-204-33	Sequence 33, Appl
C 45	9	100.0	30	13	US-10-282-122A-78609	Sequence 78609, A

ALIGNMENTS

RESULT 1

US-10-122-630-2

; Sequence 2, Application US/10122630

; Publication NO. US20030032610A1

; GENERAL INFORMATION:

; APPLICANT: Gilchrist, Barbara A.

; APPLICANT: Eller, Mark S.

; APPLICANT: Vaar, Mina

; TITLE OF INVENTION: Method to Inhibit Cell Growth Using

; TITLE OF INVENTION: Oligonucleotides

; FILE REFERENCE: 0054.1088-018

; CURRENT APPLICATION NUMBER: US/10/122,630

; CURRENT FILING DATE: 2002-04-12

; PRIOR APPLICATION NUMBER: US 08/467,012

; PRIOR FILING DATE: 1995-06-06

; PRIOR APPLICATION NUMBER: PCT/US96/08386

; PRIOR FILING DATE: 1996-06-03

; PRIOR APPLICATION NUMBER: US 09/048,927

; PRIOR FILING DATE: 1998-03-26

; PRIOR APPLICATION NUMBER: US 09/540,843

; PRIOR FILING DATE: 2000-03-31

; PRIOR APPLICATION NUMBER: PCT/US01/10162

; PRIOR FILING DATE: 2001-03-30

; NUMBER OF SEQ ID NOS: 15

; SOFTWARE: FastSeq for Windows Version 4.0

; SEQ ID NO 2

; LENGTH: 9

; TYPE: DNA

; ORGANISM: Artificial Sequence

; FEATURE:

; OTHER INFORMATION: Synthetic DNA Fragment

US-10-122-630-2

Query Match 100.0%; Score 9; DB 15; Length 9;
Best Local Similarity 100.0%; Pred. No. 5.4e+08;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 TAGGAGGAT 9
|||||
Db 1 TAGGAGGAT 9

RESULT 2

US-10-122-633-2
; Sequence 2, Application US/10122633
; Publication No. US20030032611A1
; GENERAL INFORMATION:
; APPLICANT: Gilchrest, Barbara A.
; APPLICANT: Eller, Mark S.
; APPLICANT: Yaar, Mina
; TITLE OF INVENTION: Method to Inhibit Cell Growth Using
; Oligonucleotides
; FILE REFERENCE: 0054.1088-019
; CURRENT APPLICATION NUMBER: US/10/122.633
; CURRENT FILING DATE: 2002-04-12
; PRIOR APPLICATION NUMBER: US 09/540,843
; PRIOR FILING DATE: 2000-03-31
; PRIOR APPLICATION NUMBER: PCT/US01/10162
; PRIOR FILING DATE: 2001-03-30
; NUMBER OF SEQ ID NOS: 15
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 2
; LENGTH: 9
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic DNA Fragment
US-10-122-633-2

Query Match 100.0%; Score 9; DB 15; Length 9;
Best Local Similarity 100.0%; Pred. No. 5.4e+08;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 TAGGAGGAT 9
|||||
Db 1 TAGGAGGAT 9

RESULT 3

US-10-223-765-202
; Sequence 202, Application US/10223765
; Publication No. US20030165997A1
; GENERAL INFORMATION:
; APPLICANT: Kim, Jin-Soo
; APPLICANT: Bae, Kwang-Hee
; APPLICANT: Park, Kyung-Soon
; APPLICANT: Kwon, Young Do
; APPLICANT: Ryu, Eun-Hyun
; APPLICANT: Hwang, Moon-Sun
; TITLE OF INVENTION: ZINC FINGER DOMAIN LIBRARIES
; FILE REFERENCE: 12279-005001
; CURRENT APPLICATION NUMBER: US/10/223,765
; CURRENT FILING DATE: 2002-08-19
; PRIOR APPLICATION NUMBER: 60/374,355
; PRIOR FILING DATE: 2002-04-22
; PRIOR APPLICATION NUMBER: 60/313,402
; PRIOR FILING DATE: 2001-08-17
; NUMBER OF SEQ ID NOS: 305
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 202
; LENGTH: 10
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: synthetically generated oligonucleotide
US-10-223-765-202

Query Match 100.0%; Score 9; DB 15; Length 10;
Best Local Similarity 100.0%; Pred. No. 5.7e+04;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 TAGGAGGAT 9
|||||
Db 2 TAGGAGGAT 10

RESULT 4

US-09-882-945A-169/c
; Sequence 169, Application US/09882945A
; Publication No. US20030143535A1
; GENERAL INFORMATION:
; APPLICANT: Lyamichev, Victor
; APPLICANT: Allawi, Hatim
; APPLICANT: Dong, Fang
; APPLICANT: Neri, Bruce
; APPLICANT: Vener, Tatiana
; TITLE OF INVENTION: Nucleic Acid Accessible Hybridization Sites
; FILE REFERENCE: FORS-04586
; CURRENT APPLICATION NUMBER: US/09/882,945A
; CURRENT FILING DATE: 2001-06-15
; NUMBER OF SEQ ID NOS: 334
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 169
; LENGTH: 16
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic
US-09-882-945A-169

Query Match 100.0%; Score 9; DB 10; Length 16;
Best Local Similarity 100.0%; Pred. No. 5.4e+04;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 TAGGAGGAT 9
|||||
Db 12 TAGGAGGAT 4

RESULT 5

US-10-340-192-22/c
; Sequence 22, Application US/10340192
; Publication No. US20030170700A1
; GENERAL INFORMATION:
; APPLICANT: Lydx Therapeutics, Inc.
; APPLICANT: Shang, Jin
; APPLICANT: Bowen, Benjamin A
; TITLE OF INVENTION: SECRETED AND CELL SURFACE POLYPEPTIDES AFFECTED BY CHOLESTEROL AN
; TITLE OF INVENTION: THEREOF
; FILE REFERENCE: 37-000610US
; CURRENT APPLICATION NUMBER: US/10/340,192
; CURRENT FILING DATE: 2003-01-08
; NUMBER OF SEQ ID NOS: 88
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 22
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-340-192-22

Query Match 100.0%; Score 9; DB 15; Length 17;
Best Local Similarity 100.0%; Pred. No. 5.3e+04;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 TAGGAGGAT 9
|||||
Db 10 TAGGAGGAT 2

RESULT 6

US-10-339-793-97/c
; Sequence 97, Application US/10339793
; Publication No. US20030180764A1


```
; GENERAL INFORMATION:
; APPLICANT: Lynx Therapeutics, Inc.
; APPLICANT: Shang, Jin
; APPLICANT: Bowen, Benjamin
; TITLE OF INVENTION: GENES AFFECTED BY CHOLESTEROL TREATMENT AND DURING ADIPOGENESIS
; FILE REFERENCE: 37-000310US
; CURRENT APPLICATION NUMBER: US/10/339,793
; CURRENT FILING DATE: 2003-01-08
; NUMBER OF SEQ ID NOS: 443
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 97
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-339-793-97

Query Match      100.0%; Score 9; DB 15; Length 17;
Best Local Similarity 100.0%; Pred. No. 5.3e+04;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      1 TAGGAGGAT 9
DB      10 TAGGAGGAT 2

RESULT 7
US-09-766-154-19
; Sequence 19, Application US/09766154
; Patent No. US20020010948A1
; GENERAL INFORMATION:
; APPLICANT: Patience, Clive
; TITLE OF INVENTION: Swine Defective for Transmission of Porcine Endogenous
; TITLE OF INVENTION: Retrovirus and Uses Thereof
; FILE REFERENCE: 61750-311
; CURRENT APPLICATION NUMBER: US/09/766,154
; CURRENT FILING DATE: 2001-01-19
; PRIOR APPLICATION NUMBER: U.S. 60/243695
; PRIOR FILING DATE: 2000-10-27
; PRIOR APPLICATION NUMBER: U.S. 60/182965
; PRIOR FILING DATE: 2000-02-16
; PRIOR APPLICATION NUMBER: U.S. 60/177003
; PRIOR FILING DATE: 2000-01-19
; NUMBER OF SEQ ID NOS: 33
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 19
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Primer
; OTHER INFORMATION: sequence used in amplification of PERV-sequences.
US-09-766-154-19

Query Match      100.0%; Score 9; DB 9; Length 20;
Best Local Similarity 100.0%; Pred. No. 5.2e+04;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      1 TAGGAGGAT 9
DB      2 TAGGAGGAT 10

RESULT 8
US-09-828-344-162
; Sequence 162, Application US/09828344
; Publication No. US20030044979A1
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Jacqueline Wyatt
; TITLE OF INVENTION: ANTISENSE MODULATION OF PHOSPHOLIPID SCRAMBLASE I EXPRESSION
; FILE REFERENCE: RTS-0147
; CURRENT APPLICATION NUMBER: US/09/828,344
; CURRENT FILING DATE: 2001-04-06
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; NUMBER OF SEQ ID NOS: 176
; SEQ ID NO 162
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-828-344-162

Query Match      100.0%; Score 9; DB 10; Length 20;
Best Local Similarity 100.0%; Pred. No. 5.2e+04;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      1 TAGGAGGAT 9
DB      1 TAGGAGGAT 9

RESULT 9
US-09-828-344-163
; Sequence 163, Application US/09828344
; Publication No. US20030044979A1
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Jacqueline Wyatt
; TITLE OF INVENTION: ANTISENSE MODULATION OF PHOSPHOLIPID SCRAMBLASE I EXPRESSION
; FILE REFERENCE: RTS-0147
; CURRENT APPLICATION NUMBER: US/09/828,344
; CURRENT FILING DATE: 2001-04-06
; NUMBER OF SEQ ID NOS: 176
; SEQ ID NO 163
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-828-344-163

Query Match      100.0%; Score 9; DB 10; Length 20;
Best Local Similarity 100.0%; Pred. No. 5.2e+04;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      1 TAGGAGGAT 9
DB      3 TAGGAGGAT 11

RESULT 10
US-09-828-344-164
; Sequence 164, Application US/09828344
; Publication No. US20030044979A1
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Jacqueline Wyatt
; TITLE OF INVENTION: ANTISENSE MODULATION OF PHOSPHOLIPID SCRAMBLASE I EXPRESSION
; FILE REFERENCE: RTS-0147
; CURRENT APPLICATION NUMBER: US/09/828,344
; CURRENT FILING DATE: 2001-04-06
; NUMBER OF SEQ ID NOS: 176
; SEQ ID NO 164
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-828-344-164

Query Match      100.0%; Score 9; DB 10; Length 20;
Best Local Similarity 100.0%; Pred. No. 5.2e+04;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      1 TAGGAGGAT 9
DB      1 TAGGAGGAT 9
```

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Db      4 TAGGAGGAT 12

RESULT 11
US-10-006-191-104
; Sequence 104, Application US/10006191
; Publication No. US20030144223A1
; GENERAL INFORMATION:
; APPLICANT: William Gaarde
; APPLICANT: Andrew T. Watt
; TITLE OF INVENTION: ANTISENSE MODULATION OF CONNECTIVE TISSUE GROWTH FACTOR EXPRESSION
; FILE REFERENCE: RTS-0274
; CURRENT APPLICATION NUMBER: US/10/006.191
; CURRENT FILING DATE: 2001-12-10
; NUMBER OF SEQ ID NOS: 153
; SEQ ID NO 104
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-006-191-104

Query Match      100.0%; Score 9; DB 15; Length 20;
Best Local Similarity 100.0%; Pred. No. 5.2e+04;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy      1 TAGGAGGAT 9
      |||||
Db      7 TAGGAGGAT 15

RESULT 12
US-10-277-216-200/c
; Sequence 200, Application US/10277216
; Publication No. US20040002470A1
; GENERAL INFORMATION:
; APPLICANT: KEITH, TIM
; TITLE OF INVENTION: NOVEL HUMAN GENE RELATING TO RESPIRATORY DISEASES,
; TITLE OF INVENTION: OBESITY, AND INFLAMMATORY BOWEL DISEASE
; FILE REFERENCE: 2976-4051
; CURRENT APPLICATION NUMBER: US/10/277,216
; CURRENT FILING DATE: 2002-10-17
; PRIOR APPLICATION NUMBER: 10/126,022
; PRIOR FILING DATE: 2002-04-19
; PRIOR APPLICATION NUMBER: 09/834,597
; PRIOR FILING DATE: 2001-04-13
; PRIOR APPLICATION NUMBER: 09/548,797
; PRIOR FILING DATE: 2000-04-13
; NUMBER OF SEQ ID NOS: 420
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 200
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Primer
US-10-277-216-200

Query Match      100.0%; Score 9; DB 16; Length 20;
Best Local Similarity 100.0%; Pred. No. 5.2e+04;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy      1 TAGGAGGAT 9
      |||||
Db      19 TAGGAGGAT 11

RESULT 13
US-10-349-143-6304/c
; Sequence 6304, Application US/10349143
; Publication No. US20040005584A1
; GENERAL INFORMATION:
; APPLICANT: Cohen, Daniel
; APPLICANT: Blumenfeld, Marta
; APPLICANT: Chumakov, Ilya
; TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
; FILE REFERENCE: GENSET.020CPI
; CURRENT APPLICATION NUMBER: US/10/349,143
; CURRENT FILING DATE: 2003-01-21
; PRIOR APPLICATION NUMBER: US/09/422,978
; PRIOR FILING DATE: 1999-10-20
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 09/298,850
; PRIOR FILING DATE: EARLIER FILING DATE: 1999-04-21
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/109,732
; PRIOR FILING DATE: EARLIER FILING DATE: 1998-11-23
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/082,614
; PRIOR FILING DATE: EARLIER FILING DATE: 1998-04-21
; NUMBER OF SEQ ID NOS: 11796
; SEQ ID NO 6304
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Homo Sapiens
; FEATURE:
; NAME/KEY: primer_bind
; LOCATION: 1..20
; OTHER INFORMATION: upstream amplification primer 99-10661 for SEQ 2370,
US-10-349-143-6304

Query Match      100.0%; Score 9; DB 16; Length 20;
Best Local Similarity 100.0%; Pred. No. 5.2e+04;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy      1 TAGGAGGAT 9
      |||||
Db      18 TAGGAGGAT 10

RESULT 14
US-10-126-022-200/c
; Sequence 200, Application US/10126022
; Publication No. US20040023215A1
; GENERAL INFORMATION:
; APPLICANT: KEITH, TIM
; TITLE OF INVENTION: NOVEL HUMAN GENE RELATING TO RESPIRATORY DISEASES,
; TITLE OF INVENTION: OBESITY, AND INFLAMMATORY BOWEL DISEASE
; FILE REFERENCE: 2976-4039US2
; CURRENT APPLICATION NUMBER: US/10/126,022
; CURRENT FILING DATE: 2002-04-19
; PRIOR APPLICATION NUMBER: 09/834,597
; PRIOR FILING DATE: 2001-04-13
; PRIOR APPLICATION NUMBER: 09/548,797
; PRIOR FILING DATE: 2000-04-13
; NUMBER OF SEQ ID NOS: 420
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 200
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Primer
US-10-126-022-200

Query Match      100.0%; Score 9; DB 17; Length 20;
Best Local Similarity 100.0%; Pred. No. 5.2e+04;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy      1 TAGGAGGAT 9
      |||||
Db      19 TAGGAGGAT 11

RESULT 15
US-10-280-183A-484/c
; Sequence 484, Application US/10280183A
; Publication No. US20040081964A1
; GENERAL INFORMATION:
```

GENERAL INFORMATION:
; APPLICANT: Pfizer Inc.
; APPLICANT: Bachmanov, Alexander A
; APPLICANT: Beauchamp, Gary K.
; APPLICANT: Chatterjee, Aurobindo
; APPLICANT: De Jong, Pieter J.
; APPLICANT: Li, Shanru
; APPLICANT: Li, Xia
; APPLICANT: Ohmen, Jeffrey D
; APPLICANT: Reed, Danielle R.
; APPLICANT: Ross, David
; APPLICANT: Tordoff, Michael G.
; TITLE OF INVENTION: GENE AND SEQUENCE VARIATION ASSOCIATED WITH SENSING
; FILE REFERENCE: CARBOHYDRATE COMPOUNDS AND OTHER SWEETENERS
; FILE REFERENCE: PC18306A
; CURRENT APPLICATION NUMBER: US/10/280,183A
; CURRENT FILING DATE: 2002-10-25
; PRIOR APPLICATION NUMBER: 60/200,794
; PRIOR FILING DATE: 2000-04-28
; NUMBER OF SEQ ID NOS: 652
; SOFTWARE: PatentIn Ver. 3.1
; SEQ ID NO 484
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Mouse
US-10-280-183A-484

Query Match 100.0%; Score 9; DB 17; Length 20;
Best Local Similarity 100.0%; Pred.No. 5.2e+04;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
Qy 1 TAGGAGGAT 9
Db 17 TAGGAGGAT 9

Search completed: August 2, 2004, 02:14:39
Job time : 160.585 secs

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OM nucleic - nucleic search, using sw model

Run on: August 1, 2004, 21:08:23 ; Search time 31.8293 Seconds
(without alignments)
156.917 Million cell updates/sec

Title: US-09-540-843-2

Perfect score: 9

Sequence: 1 taggagat 9

Scoring table: IDENTITY_NUC

Gapop 10.0 , Gapext 1.0

Searched: 682709 seqs, 277475446 residues

Total number of hits satisfying chosen parameters: 979464

Minimum DB seq length: 0

Maximum DB seq length: 200

Post-processing: Minimum Match 0%

Maximum Match 100%

Listing first 45 summaries

Database :

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3: /cgn2_6/ptodata/2/ina/6A_COMB.seq: *
4: /cgn2_6/ptodata/2/ina/6B_COMB.seq: *
5: /cgn2_6/ptodata/2/ina/PCTUS_COMB.seq: *
6: /cgn2_6/ptodata/2/ina/backfiles1.seq: *

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	ID	Description
1	9	100.0	9	3	US-09-048-927-2
2	9	100.0	20	3	US-09-096-172-6
3	9	100.0	20	4	US-09-422-978-6304
4	9	100.0	21	4	US-09-422-978-9775
5	9	100.0	22	3	US-09-240-918-9
6	9	100.0	24	3	US-09-416-050A-15
7	9	100.0	24	3	US-09-664-800-15
8	9	100.0	24	3	US-09-665-309-15
9	9	100.0	24	3	US-09-661-569-15
10	9	100.0	28	3	US-09-061-768A-33
11	9	100.0	28	4	US-09-764-246-33
12	9	100.0	29	1	US-08-310-356-20
13	9	100.0	30	4	US-09-019-793A-105
14	9	100.0	33	2	US-08-189-256A-46
15	9	100.0	33	4	US-09-193-853-46
16	9	100.0	36	5	PCT-US95-00605-12
17	9	100.0	36	5	PCT-US95-00605-13
18	9	100.0	47	4	US-09-422-978-905
19	9	100.0	47	4	US-09-422-978-2210
20	9	100.0	98	1	US-08-425-336-117
21	9	100.0	98	1	US-08-488-113B-117
22	9	100.0	98	1	US-08-477-484B-117
23	9	100.0	98	1	US-08-107-669D-30
24	9	100.0	98	1	US-08-472-788A-30
25	9	100.0	98	1	US-08-477-531B-30
26	9	100.0	98	2	US-08-646-360-117
27	9	100.0	98	2	US-08-082-842A-30

C 28 9 100.0 98 3 US-08-839-765-117 Sequence 117, App
C 29 9 100.0 98 3 US-09-136-389-117 Sequence 117, App
C 30 9 100.0 98 4 US-09-610-838-117 Sequence 117, App
C 31 9 100.0 98 4 US-09-711-485-117 Sequence 117, App
C 32 9 100.0 105 3 US-08-746-111-37 Sequence 37, Appl
C 33 9 100.0 110 4 US-09-313-294A-5950 Sequence 5950, Ap
C 34 9 100.0 119 5 PCT-US91-00909-23 Sequence 23, Appl
C 35 9 100.0 123 5 PCT-US91-00909-23 Sequence 23, Appl
C 36 9 100.0 135 1 US-08-153-051B-23 Sequence 22, Appl
C 37 9 100.0 135 1 US-08-060-952C-39 Sequence 23, Appl
C 38 9 100.0 135 2 US-08-151-477A-23 Sequence 23, Appl
C 39 9 100.0 135 3 US-08-819-867-53 Sequence 53, Appl
C 40 9 100.0 135 4 US-08-464-011B-39 Sequence 53, Appl
C 41 9 100.0 135 4 US-09-378-535-53 Sequence 53, Appl
C 42 9 100.0 152 3 US-08-532-896-11 Sequence 11, Appl
C 43 9 100.0 175 4 US-09-621-976-16047 Sequence 16047, A
C 44 9 100.0 177 4 US-09-621-976-15079 Sequence 15079, A
C 45 9 100.0 180 1 US-07-718-535-1 Sequence 1, Appl

ALIGNMENTS

RESULT 1

US-09-048-927-2
; Sequence 2, Application US/09048927
; Patent No. 6147056
; GENERAL INFORMATION:
; APPLICANT: Gilchrist, Barbara A.
; APPLICANT: Yaar, Mina
; APPLICANT: Eller, Mark
; TITLE OF INVENTION: Use of Locally Applied DNA Fragments
; FILE REFERENCE: BU94-68A2
; CURRENT APPLICATION NUMBER: US/09/048,927
; CURRENT FILING DATE: 1998-03-26
; EARLIER APPLICATION NUMBER: 08/952,697
; EARLIER FILING DATE: 1996-06-03
; EARLIER APPLICATION NUMBER: 08/467,012
; EARLIER FILING DATE: 1995-06-06
; NUMBER OF SEQ ID NOS: 4
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 2
; LENGTH: 9
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: DNA Fragment
US-09-048-927-2

Query Match 100.0%; Score 9; DB 3; Length 9;
Best Local Similarity 100.0%; Pred. No. 6e+07;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 TAGGAGGAT 9

Db 1 TAGGAGGAT 9

RESULT 2

US-09-096-172-6
; Sequence 6, Application US/09096172
; Patent No. 6284252
; GENERAL INFORMATION:
; APPLICANT: MEHTALI, Majid
; APPLICANT: SORG, Tania
; TITLE OF INVENTION: NEW TRANSDOMINANT TAT VARIANTS OF THE
; TITLE OF INVENTION: HUMAN IMMUNODEFICIENCY VIRUS
; NUMBER OF SEQUENCES: 7
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Burns, Doane, Swecker & Mathis
; STREET: P.O. Box 1404
; CITY: Alexandria
; STATE: Virginia

COUNTRY: United States
ZIP: 22313-1404
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/096,172
FILING DATE:
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/08/177,145
FILING DATE: 04-JAN-1994
APPLICATION NUMBER: FR 93 00004
FILING DATE: 04-JAN-1993
ATTORNEY/AGENT INFORMATION:
NAME: Crane-Feury, Sharon E
REGISTRATION NUMBER: 36,113
REFERENCE/DOCKET NUMBER: 017753-040
TELECOMMUNICATION INFORMATION:
TELEPHONE: (703) 836-6620
TELEFAX: (703) 836-2021
INFORMATION FOR SEQ ID NO: 6:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
HYPOTHETICAL: NO
ANTI-SENSE: YES
ORIGINAL SOURCE:
INDIVIDUAL ISOLATE: mutagenesis oligonucleotide (TAT
INDIVIDUAL ISOLATE: 451le to Ser)
US-09-096-172-6

Query Match 100.0%; Score 9; DB 3; Length 20;
Best Local Similarity 100.0%; Pred. No. 3.4e+03;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 TAGGAGGAT 9
Db 5 TAGGAGGAT 13

RESULT 3
US-09-422-978-6304/c
; Sequence 6304, Application US/09422978
; Patent No. 6537751
; GENERAL INFORMATION:
; APPLICANT: Cohen, Daniel
; APPLICANT: Blumenfeld, Marta
; APPLICANT: Chumakov, Ilya
; TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
; FILE REFERENCE: GENSET.020CPI
; CURRENT APPLICATION NUMBER: US/09/422,978
; CURRENT FILING DATE: 1999-10-20
; EARLIER APPLICATION NUMBER: US 09/298,850
; EARLIER FILING DATE: 1999-04-21
; EARLIER APPLICATION NUMBER: US 60/109,732
; EARLIER FILING DATE: 1998-11-23
; EARLIER APPLICATION NUMBER: US 60/082,614
; EARLIER FILING DATE: 1998-04-21
; NUMBER OF SEQ ID NOS: 11796
; SEQ ID NO 6304
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Homo Sapiens
; FEATURE:
; NAME/KEY: primer_bind
; LOCATION: 1...20
; OTHER INFORMATION: upstream amplification primer 99-10661 for SEQ 2370,

US-09-422-978-6304

Query Match 100.0%; Score 9; DB 4; Length 20;
Best Local Similarity 100.0%; Pred. No. 3.4e+03;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 TAGGAGGAT 9
Db 18 TAGGAGGAT 10

RESULT 4
US-09-422-978-9775/c
; Sequence 9775, Application US/09422978
; Patent No. 6537751
; GENERAL INFORMATION:
; APPLICANT: Cohen, Daniel
; APPLICANT: Blumenfeld, Marta
; APPLICANT: Chumakov, Ilya
; TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
; FILE REFERENCE: GENSET.020CPI
; CURRENT APPLICATION NUMBER: US/09/422,978
; CURRENT FILING DATE: 1999-10-20
; EARLIER APPLICATION NUMBER: US 09/298,850
; EARLIER FILING DATE: 1999-04-21
; EARLIER APPLICATION NUMBER: US 60/109,732
; EARLIER FILING DATE: 1998-11-23
; EARLIER APPLICATION NUMBER: US 60/082,614
; EARLIER FILING DATE: 1998-04-21
; NUMBER OF SEQ ID NOS: 11796
; SEQ ID NO 9775
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Homo Sapiens
; FEATURE:
; NAME/KEY: primer_bind
; LOCATION: 1..21
; OTHER INFORMATION: downstream amplification primer 99-7276 for SEQ 1910, in compleme
US-09-422-978-9775

Query Match 100.0%; Score 9; DB 4; Length 21;
Best Local Similarity 100.0%; Pred. No. 3.4e+03;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 TAGGAGGAT 9
Db 11 TAGGAGGAT 3

RESULT 5
US-09-240-918-9
; Sequence 9, Application US/09240918
; Patent No. 6265165
; GENERAL INFORMATION:
; APPLICANT: Gruenert, Dieter C.
; APPLICANT: Xu, Zhidong
; TITLE OF INVENTION: METHODS FOR EST-SPECIFIC FULL LENGTH cDNA CLONING
; FILE REFERENCE: 480.85.1(HV)
; CURRENT APPLICATION NUMBER: US/09/240,918
; CURRENT FILING DATE: 1999-01-29
; PRIOR APPLICATION NUMBER: 60/108,183
; PRIOR FILING DATE: 1998-11-12
; NUMBER OF SEQ ID NOS: 96
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 9
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: primer
US-09-240-918-9

Query Match 100.0%; Score 9; DB 3; Length 22;

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; Best Local Similarity 100.0%; Pred. No. 3.4e+03; Indels 0; Gaps 0;
Matches 9; Conservative 0; Mismatches 0;

QY 1 TAGGAGGAT 9
   |||||
Db 9 TAGGAGGAT 17

RESULT 6
US-09-416-050A-15/c
; Sequence 15, Application US/09416050A
; Patent No. 6194559
; GENERAL INFORMATION:
; APPLICANT: KIM. Soo Young
; TITLE OF INVENTION: Abscisic Acid Responsive Element -Binding Transcription Factors
; FILE REFERENCE: 1942/42
; CURRENT APPLICATION NUMBER: US/09/416,050A
; CURRENT FILING DATE: 1999-10-12
; NUMBER OF SEQ ID NOS: 83
; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 15
; LENGTH: 24
; TYPE: DNA
; ORGANISM: Arabidopsis thaliana
US-09-416-050A-15

Query Match 100.0%; Score 9; DB 3; Length 24;
Best Local Similarity 100.0%; Pred. No. 3.4e+03; Indels 0; Gaps 0;
Matches 9; Conservative 0; Mismatches 0;

QY 1 TAGGAGGAT 9
   |||||
Db 17 TAGGAGGAT 9

RESULT 7
US-09-664-800-15/c
; Sequence 15, Application US/095664800
; Patent No. 6218527
; GENERAL INFORMATION:
; APPLICANT: KIM. Soo Young
; TITLE OF INVENTION: Abscisic Acid Responsive Element -Binding Transcription Factors
; FILE REFERENCE: 1942/42
; CURRENT APPLICATION NUMBER: US/09/664,800
; CURRENT FILING DATE: 2000-09-19
; PRIOR APPLICATION NUMBER: 09/416,050
; PRIOR FILING DATE: 1999-10-12
; NUMBER OF SEQ ID NOS: 83
; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 15
; LENGTH: 24
; TYPE: DNA
; ORGANISM: Arabidopsis thaliana
US-09-664-800-15

Query Match 100.0%; Score 9; DB 3; Length 24;
Best Local Similarity 100.0%; Pred. No. 3.4e+03; Indels 0; Gaps 0;
Matches 9; Conservative 0; Mismatches 0;

QY 1 TAGGAGGAT 9
   |||||
Db 17 TAGGAGGAT 9

RESULT 8
US-09-665-309-15/c
; Sequence 15, Application US/09665309
; Patent No. 6232461
; GENERAL INFORMATION:
; APPLICANT: KIM. Soo Young
; TITLE OF INVENTION: Abscisic Acid Responsive Element -Binding Transcription Factors
; FILE REFERENCE: 1942/42
; CURRENT APPLICATION NUMBER: US/09/665,309
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; CURRENT FILING DATE: 2000-09-19
; PRIOR APPLICATION NUMBER: 09/416,050
; PRIOR FILING DATE: 1999-10-12
; NUMBER OF SEQ ID NOS: 83
; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 15
; LENGTH: 24
; TYPE: DNA
; ORGANISM: Arabidopsis thaliana
US-09-665-309-15

Query Match 100.0%; Score 9; DB 3; Length 24;
Best Local Similarity 100.0%; Pred. No. 3.4e+03; Indels 0; Gaps 0;
Matches 9; Conservative 0; Mismatches 0;

QY 1 TAGGAGGAT 9
   |||||
Db 17 TAGGAGGAT 9

RESULT 9
US-09-661-569-15/c
; Sequence 15, Application US/09661569
; Patent No. 6245905
; GENERAL INFORMATION:
; APPLICANT: KIM. Soo Young
; TITLE OF INVENTION: Abscisic Acid Responsive Element -Binding Transcription Factors
; FILE REFERENCE: 1942/42
; CURRENT APPLICATION NUMBER: US/09/661,569
; CURRENT FILING DATE: 2000-09-14
; PRIOR APPLICATION NUMBER: 09/416,050
; PRIOR FILING DATE: 1999-10-12
; NUMBER OF SEQ ID NOS: 83
; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 15
; LENGTH: 24
; TYPE: DNA
; ORGANISM: Arabidopsis thaliana
US-09-661-569-15

Query Match 100.0%; Score 9; DB 3; Length 24;
Best Local Similarity 100.0%; Pred. No. 3.4e+03; Indels 0; Gaps 0;
Matches 9; Conservative 0; Mismatches 0;

QY 1 TAGGAGGAT 9
   |||||
Db 17 TAGGAGGAT 9

RESULT 10
US-09-061-768A-33
; Sequence 33, Application US/09061768A
; Patent No. 6204037
; GENERAL INFORMATION:
; APPLICANT: BRASH, ALAN R.
; APPLICANT: BOEGLIN, WILLIAM E.
; APPLICANT: JISAKA, MITSUO
; TITLE OF INVENTION: LIPOXYGENASE PROTEINS AND NUCLEIC ACIDS
; NUMBER OF SEQUENCES: 36
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: ARLES A. TAYLOR, JR.
; STREET: SUITE 1400, UNIVERSITY TOWER, 3100 TOWER BOULEVARD
; CITY: DURHAM
; STATE: NORTH CAROLINA
; COUNTRY: USA
; ZIP: 27707
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette, 3.50 inch, 1.4 MB storage
; COMPUTER: IBM PC/XT/AT compatible
; OPERATING SYSTEM: Windows 3.1
; SOFTWARE: WORD PERFECT 6.1 and ASCII
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/061,768A
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; FILING DATE: APRIL 16, 1998
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA: NONE
; APPLICATION NUMBER:
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: ARLES A. TAYLOR, JR.
; REGISTRATION NUMBER: 39,395
; REFERENCE/DOCKET NUMBER: 1242/5
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (919) 493-8000
; TELEFAX: (919) 419-0383
; TELEX:
; INFORMATION FOR SEQ ID NO: 33:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 28 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-09-061-768A-33

Query Match 100.0%; Score 9; DB 3; Length 28;
Best Local Similarity 100.0%; Pred. No. 3.4e+03;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 TAGGAGGAT 9
| | | | |
Db 7 TAGGAGGAT 15

RESULT 11
US-09-764-246-33
; Sequence 33, Application US/09764246
; Patent No. 6649355
; GENERAL INFORMATION:
; APPLICANT: BRASH, ALAN R.
; JISAKA, MITSUO
; BOEGLIN, WILLIAM E.
; TITLE OF INVENTION: LIPOXYGENASE PROTEINS AND NUCLEIC ACIDS
; NUMBER OF SEQUENCES: 36
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: ARLES A. TAYLOR, JR.
; STREET: SUITE 1400, UNIVERSITY TOWER, 3100 TOWER BOULEVARD
; CITY: DURHAM
; STATE: NORTH CAROLINA
; COUNTRY: USA
; ZIP: 27707
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette, 3.50 inch, 1.4 MB storage
; COMPUTER: IBM PC/XT/AT compatible
; OPERATING SYSTEM: Windows 3.1
; SOFTWARE: WORD PERFECT 6.1 and ASCII
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/764,246
; FILING DATE: 17-Jan-2001
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: <unknown>
; FILING DATE: <unknown>
; ATTORNEY/AGENT INFORMATION:
; NAME: ARLES A. TAYLOR, JR.
; REGISTRATION NUMBER: 39,395
; REFERENCE/DOCKET NUMBER: 1242/5
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (919) 493-8000
; TELEFAX: (919) 419-0383
; TELEX: <unknown>
; INFORMATION FOR SEQ ID NO: 33:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 28 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear

; SEQUENCE DESCRIPTION: SEQ ID NO: 33:
US-09-764-246-33

Query Match 100.0%; Score 9; DB 4; Length 28;
Best Local Similarity 100.0%; Pred. No. 3.4e+03;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 TAGGAGGAT 9
| | | | |
Db 7 TAGGAGGAT 15

RESULT 12
US-08-310-356-20/C
; Sequence 20, Application US/08310356
; Patent No. 5648243
; GENERAL INFORMATION:
; APPLICANT: Hurwitz, David R
; APPLICANT: Nathan, Margret
; APPLICANT: Shani, Moshe
; TITLE OF INVENTION: Transgenic Protein Production
; NUMBER OF SEQUENCES: 36
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Rhone-Poulenc Rorer Legal Department
; STREET: 500 Arcola Road
; CITY: Collegeville
; STATE: PA
; COUNTRY: USA
; ZIP: 19426
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: Macintosh
; OPERATING SYSTEM: Macintosh System 7.0
; SOFTWARE: Microsoft Word Version 5.0 (PatentIn)
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/310,356
; FILING DATE:
; CLASSIFICATION: 800
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/07/737,853
; FILING DATE: 31-JUL-1991
; ATTORNEY/AGENT INFORMATION:
; NAME: Goodman, Rosanne
; REGISTRATION NUMBER: 32,534
; REFERENCE/DOCKET NUMBER: A0856
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (215) 454-3817
; TELEFAX: (215) 454-3808
; INFORMATION FOR SEQ ID NO: 20:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 29 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-08-310-356-20

Query Match 100.0%; Score 9; DB 1; Length 29;
Best Local Similarity 100.0%; Pred. No. 3.4e+03;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 TAGGAGGAT 9
| | | | |
Db 23 TAGGAGGAT 15

RESULT 13
US-09-019-793A-105/c
; Sequence 105, Application US/09019793A
; Patent No. 6380376
; GENERAL INFORMATION:
; APPLICANT: PAUL, Prem
; APPLICANT: MENG, Xiang-Jin
; APPLICANT: MOROZOV, Igor

APPLICANT: HALBUR, Patrick
TITLE OF INVENTION: PROTEINS ENCODED BY POLYNUCLEIC ACIDS OF PORCINE
FILE REFERENCE: 4625-0039-55X CIP
CURRENT APPLICATION NUMBER: US/09/019,793A
CURRENT FILING DATE: 1998-02-06
PRIOR APPLICATION NUMBER: 08/478,316
PRIOR FILING DATE: 1995-06-07
PRIOR APPLICATION NUMBER: 08/301,435
PRIOR FILING DATE: 1994-09-01
PRIOR APPLICATION NUMBER: 08/131,625
PRIOR FILING DATE: 1993-10-05
PRIOR APPLICATION NUMBER: 07/969,071
PRIOR FILING DATE: 1992-10-30
NUMBER OF SEQ ID NOS: 108
SOFTWARE: PatentIn Ver. 2.1
SEQ ID NO 105
LENGTH: 30
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence:synthetic DNA
US-09-019-793A-105

Query Match 100.0%; Score 9; DB 4; Length 30;
Best Local Similarity 100.0%; Pred. No. 3.5e+03;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 TAGGAGGAT 9
Db 15 TAGGAGGAT 7

RESULT 14
US-08-189-256A-46/c
Sequence 46, Application US/08189256A
Patent No. 5877402
GENERAL INFORMATION:
APPLICANT: Maliga, Pal
APPLICANT: Svab, Zora
APPLICANT: Staub, Jeffrey
APPLICANT: Zoubenko, Oleg V.
APPLICANT: Allison, Lori A.
APPLICANT: Carrier, Helaine
APPLICANT: Kanevski, Ivan
TITLE OF INVENTION: DNA Constructs and Methods for Stably
TITLE OF INVENTION: Transforming Plasmids of Multicellular Plants and
TITLE OF INVENTION: Expressing Recombinant Proteins Therein
NUMBER OF SEQUENCES: 47
CORRESPONDENCE ADDRESS:
ADDRESSEE: Dann, Dorfman, Herrell and Skillman
STREET: 1601 Market Street Suite 720
CITY: Philadelphia
STATE: PA
COUNTRY: USA
ZIP: 19103-2307
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/189,256A
FILING DATE: 31-JAN-1994
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/111,398
FILING DATE: 25-AUG-1993
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/518,763
FILING DATE: 01-MAY-1990
ATTORNEY/AGENT INFORMATION:
NAME: Reed, Janet E.

REGISTRATION NUMBER: 36,252
TELECOMMUNICATION INFORMATION:
TELEPHONE: (215) 563-4100
TELEFAX: (215) 563-4044
INFORMATION FOR SEQ ID NO: 46:
SEQUENCE CHARACTERISTICS:
LENGTH: 33 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
HYPOTHETICAL: NO
ANTI-SENSE: NO
US-08-189-256A-46
Query Match 100.0%; Score 9; DB 2; Length 33;
Best Local Similarity 100.0%; Pred. No. 3.5e+03;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 1 TAGGAGGAT 9
Db 27 TAGGAGGAT 19
RESULT 15
US-09-193-853-46/c
Sequence 46, Application US/09193853
Patent No. 6388168
GENERAL INFORMATION:
APPLICANT: Maliga, Pal
APPLICANT: Svab, Zora
APPLICANT: Staub, Jeffrey
APPLICANT: Zoubenko, Oleg V.
APPLICANT: Allison, Lori A.
APPLICANT: Carrier, Helaine
APPLICANT: Kanevski, Ivan
TITLE OF INVENTION: DNA Constructs and Methods for Stably
TITLE OF INVENTION: Transforming Plasmids of Multicellular Plants and
TITLE OF INVENTION: Expressing Recombinant Proteins Therein
NUMBER OF SEQUENCES: 47
CORRESPONDENCE ADDRESS:
ADDRESSEE: Dann, Dorfman, Herrell and Skillman
STREET: 1601 Market Street Suite 720
CITY: Philadelphia
STATE: PA
COUNTRY: USA
ZIP: 19103-2307
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/193,853
FILING DATE:
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/189,256
FILING DATE:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 07/518,763
FILING DATE: 01-MAY-1990
ATTORNEY/AGENT INFORMATION:
NAME: Reed, Janet E.
REGISTRATION NUMBER: 36,252
TELECOMMUNICATION INFORMATION:
TELEPHONE: (215) 563-4100
TELEFAX: (215) 563-4044
INFORMATION FOR SEQ ID NO: 46:
SEQUENCE CHARACTERISTICS:
LENGTH: 33 base pairs
TYPE: nucleic acid
STRANDEDNESS: single

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; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; HYPOTHETICAL: NO
; ANTI-SENSE: NO
US-09-193-853-46
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Query Match 100.0%; Score 9; DB 4; Length 33;
Best Local Similarity 100.0%; Pred. No. 3.5e+03;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
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QY 1 TAGGAGGAT 9
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Db 27 TAGGAGGAT 19
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Search completed: August 1, 2004, 23:41:52
Job time : 32.8293 secs
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GenCore version 5.1.6
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OM nucleic - nucleic search, using sw model

Run on: August 1, 2004, 21:08:23 ; Search time 31.8293 Seconds
(without alignments)
156.917 Million cell updates/sec

Title: US-09-540-843-1
Sequence: 1 gagtatgag 9

Scoring table: IDENTITY_NUC
Gapop 10.0 , Gapext 1.0

Searched: 682709 seqs, 277475446 residues

Total number of hits satisfying chosen parameters: 979464

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Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 45 summaries

Database : Issued Patents NA: *
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2: /cgn2_6/ptodata/2/ina/5B_COMB.seq: *
3: /cgn2_6/ptodata/2/ina/6A_COMB.seq: *
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Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	ID	Description
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2	9	100.0	15	3	US-09-049-190-6
3	9	100.0	15	3	US-09-049-190-6
4	9	100.0	15	4	US-08-932-140C-6
5	9	100.0	15	4	US-08-932-140C-7
6	9	100.0	17	1	US-08-758-306-365
7	9	100.0	17	1	US-08-758-306-367
8	9	100.0	17	1	US-08-758-306-369
9	9	100.0	17	1	US-08-758-306-371
10	9	100.0	17	4	US-09-866-108A-2750
11	9	100.0	17	4	US-09-866-108A-2751
12	9	100.0	17	4	US-09-866-108A-2752
13	9	100.0	17	4	US-09-866-108A-2753
14	9	100.0	17	4	US-09-866-108A-2754
15	9	100.0	17	4	US-09-866-108A-2755
16	9	100.0	17	4	US-09-866-108A-2756
17	9	100.0	17	4	US-09-866-108A-2757
18	9	100.0	17	4	US-09-866-108A-2758
19	9	100.0	20	3	US-09-287-796-101
20	9	100.0	20	3	US-09-287-796-102
21	9	100.0	20	3	US-09-130-616-101
22	9	100.0	20	3	US-09-130-616-102
23	9	100.0	20	4	US-09-105-058C-15
24	9	100.0	20	4	US-09-851-062-29
25	9	100.0	20	4	US-09-517-467B-84
26	9	100.0	20	4	US-09-422-978-6551
27	9	100.0	21	4	US-09-422-978-8965

28 9 100.0 21 6 5455029-26 Patent No. 5455029
29 9 100.0 23 4 US-09-088-274-8 Sequence 8, Appli
30 9 100.0 24 4 US-09-245-248B-23 Sequence 23, Appli
31 9 100.0 25 4 US-09-866-108A-5679 Sequence 5679, Ap
32 9 100.0 25 4 US-09-866-108A-5680 Sequence 5680, Ap
33 9 100.0 25 4 US-09-866-108A-5681 Sequence 5681, Ap
34 9 100.0 25 4 US-09-866-108A-5682 Sequence 5682, Ap
35 9 100.0 25 4 US-09-866-108A-5683 Sequence 5683, Ap
36 9 100.0 25 4 US-09-866-108A-5684 Sequence 5684, Ap
37 9 100.0 25 4 US-09-866-108A-5685 Sequence 5685, Ap
38 9 100.0 25 4 US-09-866-108A-5686 Sequence 5686, Ap
39 9 100.0 25 4 US-09-866-108A-5687 Sequence 5687, Ap
40 9 100.0 25 4 US-09-866-108A-5688 Sequence 5688, Ap
41 9 100.0 25 4 US-09-866-108A-5689 Sequence 5689, Ap
42 9 100.0 25 4 US-09-866-108A-5690 Sequence 5690, Ap
43 9 100.0 25 4 US-09-866-108A-5691 Sequence 5691, Ap
44 9 100.0 25 4 US-09-866-108A-5692 Sequence 5692, Ap
45 9 100.0 25 4 US-09-866-108A-5693 Sequence 5693, Ap

ALIGNMENTS

RESULT 1
US-09-048-927-1
; Sequence 1, Application US/09048927
; Patent No. 6147056
; GENERAL INFORMATION:
; APPLICANT: Gilchrist, Barbara A.
; APPLICANT: Yaar, Mina
; APPLICANT: Eller, Mark
; TITLE OF INVENTION: Use of Locally Applied DNA Fragments
; FILE REFERENCE: BU94-68A2
; CURRENT APPLICATION NUMBER: US/09/048,927
; CURRENT FILING DATE: 1998-03-26
; EARLIER APPLICATION NUMBER: 08/952,697
; EARLIER FILING DATE: 1996-06-03
; EARLIER APPLICATION NUMBER: 08/467,012
; EARLIER FILING DATE: 1995-06-06
; NUMBER OF SEQ ID NOS: 4
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 1
; LENGTH: 9
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: DNA Fragment
US-09-048-927-1

Query Match 100.0%; Score 9; DB 3; Length 9;
Best Local Similarity 100.0%; Pred. No. 6e+07;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 GAGTATGAG 9
|||||||
Db 1 GAGTATGAG 9

RESULT 2
US-09-049-190-6/c
; Sequence 6, Application US/09049190
; Patent No. 6190866
; GENERAL INFORMATION:
; APPLICANT: Nielsen et al.
; TITLE OF INVENTION: Peptide Nucleic Acids Having
; TITLE OF INVENTION: Antibacterial Activity
; NUMBER OF SEQUENCES: 20
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Woodcock Washburn Kurtz Mackiewicz
; STREET: One Liberty Place - 46th Floor
; CITY: Philadelphia
; STATE: PA
; COUNTRY: U.S.A.

ZIP: 19103
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5 inch disk, 1.44 Mb
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Wordperfect 6.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/049,190
FILING DATE:
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER:
FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: John W. Caldwell
REGISTRATION NUMBER: 28,937
REFERENCE/DOCKET NUMBER: ISIS-2560
TELECOMMUNICATION INFORMATION:
TELEPHONE: 215-568-3100
TELEFAX: 215-568-3439
INFORMATION FOR SEQ ID NO: 6:
SEQUENCE CHARACTERISTICS:
LENGTH: 15 bases
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
FEATURE:
NAME/KEY: Modified-site
LOCATION: 1
OTHER INFORMATION: N-acetyl(2-aminoethyl)glycine
OTHER INFORMATION: backbone
FEATURE:
NAME/KEY: Modified-site
LOCATION: 2
OTHER INFORMATION: N-acetyl(2-aminoethyl)glycine
OTHER INFORMATION: backbone
FEATURE:
NAME/KEY: Modified-site
LOCATION: 3
OTHER INFORMATION: N-acetyl(2-aminoethyl)glycine
OTHER INFORMATION: backbone
FEATURE:
NAME/KEY: Modified-site
LOCATION: 4
OTHER INFORMATION: N-acetyl(2-aminoethyl)glycine
OTHER INFORMATION: backbone
FEATURE:
NAME/KEY: Modified-site
LOCATION: 5
OTHER INFORMATION: N-acetyl(2-aminoethyl)glycine
OTHER INFORMATION: backbone
FEATURE:
NAME/KEY: Modified-site
LOCATION: 6
OTHER INFORMATION: N-acetyl(2-aminoethyl)glycine
OTHER INFORMATION: backbone
FEATURE:
NAME/KEY: Modified-site
LOCATION: 7
OTHER INFORMATION: N-acetyl(2-aminoethyl)glycine
OTHER INFORMATION: backbone
FEATURE:
NAME/KEY: Modified-site
LOCATION: 8
OTHER INFORMATION: N-acetyl(2-aminoethyl)glycine
OTHER INFORMATION: backbone
FEATURE:
NAME/KEY: Modified-site
LOCATION: 9
OTHER INFORMATION: N-acetyl(2-aminoethyl)glycine
OTHER INFORMATION: backbone
FEATURE:
NAME/KEY: Modified-site

LOCATION: 10
OTHER INFORMATION: N-acetyl(2-aminoethyl)glycine
OTHER INFORMATION: backbone
FEATURE:
NAME/KEY: Modified-site
LOCATION: 11
OTHER INFORMATION: N-acetyl(2-aminoethyl)glycine
OTHER INFORMATION: backbone
FEATURE:
NAME/KEY: Modified-site
LOCATION: 12
OTHER INFORMATION: N-acetyl(2-aminoethyl)glycine
OTHER INFORMATION: backbone
FEATURE:
NAME/KEY: Modified-site
LOCATION: 13
OTHER INFORMATION: N-acetyl(2-aminoethyl)glycine
OTHER INFORMATION: backbone
FEATURE:
NAME/KEY: Modified-site
LOCATION: 14
OTHER INFORMATION: N-acetyl(2-aminoethyl)glycine
OTHER INFORMATION: backbone
FEATURE:
NAME/KEY: Modified-site
LOCATION: 15
OTHER INFORMATION: N-[acetyl(2-aminoethyl)]-C-lysine-glycine
OTHER INFORMATION: backbone
US-09-049-190-6

Query Match 100.0%; Score 9; DB 3; Length 15;
Best Local Similarity 100.0%; Pred. No. 1.9e+03;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 GAGTATGAG 9
Db 11 GAGTATGAG 3

RESULT 3

US-09-049-190-7/c
Sequence 7, Application US/09049190
Patent No. 6190866
GENERAL INFORMATION:
APPLICANT: Nielsen et al.
TITLE OF INVENTION: Peptide Nucleic Acids Having
TITLE OF INVENTION: Antibacterial Activity
NUMBER OF SEQUENCES: 20
CORRESPONDENCE ADDRESS:
ADDRESSEE: Woodcock Washburn Kurtz Mackiewicz
STREET: One Liberty Place - 46th Floor
CITY: Philadelphia
STATE: PA
COUNTRY: U.S.A.
ZIP: 19103
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5 inch disk, 1.44 Mb
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Wordperfect 6.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/049,190
FILING DATE:
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER:
FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: John W. Caldwell
REGISTRATION NUMBER: 28,937
REFERENCE/DOCKET NUMBER: ISIS-2560
TELECOMMUNICATION INFORMATION:
TELEPHONE: 215-568-3100
& No. 6190866ris LLP

TELEFAX: 215-568-3439
INFORMATION FOR SEQ ID NO: 7:
SEQUENCE CHARACTERISTICS:
LENGTH: 15 bases
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
FEATURE:
NAME/KEY: Modified-site
LOCATION: 1
OTHER INFORMATION: N-acetyl (2-aminoethyl) glycine
OTHER INFORMATION: backbone
FEATURE:
NAME/KEY: Modified-site
LOCATION: 2
OTHER INFORMATION: N-acetyl (2-aminoethyl) glycine
OTHER INFORMATION: backbone
FEATURE:
NAME/KEY: Modified-site
LOCATION: 3
OTHER INFORMATION: N-acetyl (2-aminoethyl) glycine
OTHER INFORMATION: backbone
FEATURE:
NAME/KEY: Modified-site
LOCATION: 4
OTHER INFORMATION: N-acetyl (2-aminoethyl) glycine
OTHER INFORMATION: backbone
FEATURE:
NAME/KEY: Modified-site
LOCATION: 5
OTHER INFORMATION: N-acetyl (2-aminoethyl) glycine
OTHER INFORMATION: backbone
FEATURE:
NAME/KEY: Modified-site
LOCATION: 6
OTHER INFORMATION: N-acetyl (2-aminoethyl) glycine
OTHER INFORMATION: backbone
FEATURE:
NAME/KEY: Modified-site
LOCATION: 7
OTHER INFORMATION: N-acetyl (2-aminoethyl) glycine
OTHER INFORMATION: backbone
FEATURE:
NAME/KEY: Modified-site
LOCATION: 8
OTHER INFORMATION: N-acetyl (2-aminoethyl) glycine
OTHER INFORMATION: backbone
FEATURE:
NAME/KEY: Modified-site
LOCATION: 9
OTHER INFORMATION: N-acetyl (2-aminoethyl) glycine
OTHER INFORMATION: backbone
FEATURE:
NAME/KEY: Modified-site
LOCATION: 10
OTHER INFORMATION: N-acetyl (2-aminoethyl) glycine
OTHER INFORMATION: backbone
FEATURE:
NAME/KEY: Modified-site
LOCATION: 11
OTHER INFORMATION: N-acetyl (2-aminoethyl) glycine
OTHER INFORMATION: backbone
FEATURE:
NAME/KEY: Modified-site
LOCATION: 12
OTHER INFORMATION: N-acetyl (2-aminoethyl) glycine
OTHER INFORMATION: backbone
FEATURE:
NAME/KEY: Modified-site
LOCATION: 13
OTHER INFORMATION: N-acetyl (2-aminoethyl) glycine
OTHER INFORMATION: backbone

NAME/KEY: Modified-site
LOCATION: 14
OTHER INFORMATION: N-acetyl (2-aminoethyl) glycine
OTHER INFORMATION: backbone
FEATURE:
NAME/KEY: Modified-site
LOCATION: 15
OTHER INFORMATION: N-[acetyl (2-aminoethyl)]-C-lysine-glycine
OTHER INFORMATION: backbone
US-09-049-190-7
Query Match 100.0%; Score 9; DB 3; Length 15;
Best Local Similarity 100.0%; Pred. No. 1.9e+03;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 1 GAGTATGAG 9
Db 14 GAGTATGAG 6
RESULT 4
US-08-932-140C-6/c
Sequence 6, Application US/08932140C
Patent No. 6300318
GENERAL INFORMATION:
APPLICANT: Nielsen et al.
TITLE OF INVENTION: Peptide Nucleic Acids Having
TITLE OF INVENTION: Antibacterial Activity
NUMBER OF SEQUENCES: 23
CORRESPONDENCE ADDRESS:
ADDRESSEE: Woodcock Washburn Kurtz Mackiewicz &
ADDRESSEE: No. 6300318rls LLP
STREET: One Liberty Place - 46th Floor
CITY: Philadelphia
STATE: PA
COUNTRY: U.S.A.
ZIP: 19103
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5 inch disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Microsoft Word
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/932,140C
FILING DATE: September 16, 1997
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER:
FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: John W. Caldwell
REGISTRATION NUMBER: 28,937
REFERENCE/DOCKET NUMBER: ISIS-2560
TELECOMMUNICATION INFORMATION:
TELEPHONE: 215-568-3100
TELEFAX: 215-568-3439
INFORMATION FOR SEQ ID NO: 6:
SEQUENCE CHARACTERISTICS:
LENGTH: 15 bases
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
FEATURE:
NAME/KEY: Modified-site
LOCATION: 1
OTHER INFORMATION: N-acetyl (2-aminoethyl) glycine backbone
FEATURE:
NAME/KEY: Modified-site
LOCATION: 2
OTHER INFORMATION: N-acetyl (2-aminoethyl) glycine backbone
FEATURE:
NAME/KEY: Modified-site
LOCATION: 3

OTHER INFORMATION: N-acetyl(2-aminoethyl)glycine backbone
FEATURE: NAME/KEY: Modified-site
LOCATION: 4
OTHER INFORMATION: N-acetyl(2-aminoethyl)glycine backbone
FEATURE: NAME/KEY: Modified-site
LOCATION: 5
OTHER INFORMATION: N-acetyl(2-aminoethyl)glycine backbone
FEATURE: NAME/KEY: Modified-site
LOCATION: 6
OTHER INFORMATION: N-acetyl(2-aminoethyl)glycine backbone
FEATURE: NAME/KEY: Modified-site
LOCATION: 7
OTHER INFORMATION: N-acetyl(2-aminoethyl)glycine backbone
FEATURE: NAME/KEY: Modified-site
LOCATION: 8
OTHER INFORMATION: N-acetyl(2-aminoethyl)glycine backbone
FEATURE: NAME/KEY: Modified-site
LOCATION: 9
OTHER INFORMATION: N-acetyl(2-aminoethyl)glycine backbone
FEATURE: NAME/KEY: Modified-site
LOCATION: 10
OTHER INFORMATION: N-acetyl(2-aminoethyl)glycine backbone
FEATURE: NAME/KEY: Modified-site
LOCATION: 11
OTHER INFORMATION: N-acetyl(2-aminoethyl)glycine backbone
FEATURE: NAME/KEY: Modified-site
LOCATION: 12
OTHER INFORMATION: N-acetyl(2-aminoethyl)glycine backbone
FEATURE: NAME/KEY: Modified-site
LOCATION: 13
OTHER INFORMATION: N-acetyl(2-aminoethyl)glycine backbone
FEATURE: NAME/KEY: Modified-site
LOCATION: 14
OTHER INFORMATION: N-acetyl(2-aminoethyl)glycine backbone
FEATURE: NAME/KEY: Modified-site
LOCATION: 15
OTHER INFORMATION: N-[acetyl(2-aminoethyl)]-C-lysine-glycine backbone

US-08-932-140C-6
Query Match 100.0%; Score 9; DB 4; Length 15;
Best Local Similarity 100.0%; Pred. No. 1.9e+03;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 GAGTATGAG 9
Db 11 GAGTATGAG 3

RESULT 5
US-08-932-140C-7/c
Sequence 7; Application US/08932140C
Patent No. 6300318
GENERAL INFORMATION:
APPLICANT: Nielsen et al.
TITLE OF INVENTION: Peptide Nucleic Acids Having
TITLE OF INVENTION: Antibacterial Activity
NUMBER OF SEQUENCES: 23
CORRESPONDENCE ADDRESS:
ADDRESSEE: Woodcock Washburn Kurtz Mackiewicz &

ADDRESSEE: No. 6300318ris LLP
STREET: One Liberty Place - 46th Floor
CITY: Philadelphia
STATE: PA
COUNTRY: U.S.A.
ZIP: 19103
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5 inch disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Microsoft Word
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/932.140C
FILING DATE: September 16, 1997
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER:
FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: John W. Caldwell
REGISTRATION NUMBER: 28,937
REFERENCE/DOCKET NUMBER: ISIS-2560
TELECOMMUNICATION INFORMATION:
TELEPHONE: 215-568-3100
TELEFAX: 215-568-3439
INFORMATION FOR SEQ ID NO: 7:
SEQUENCE CHARACTERISTICS:
LENGTH: 15 bases
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
FEATURE:
NAME/KEY: Modified-site
LOCATION: 1
OTHER INFORMATION: N-acetyl(2-aminoethyl)glycine backbone
FEATURE:
NAME/KEY: Modified-site
LOCATION: 2
OTHER INFORMATION: N-acetyl(2-aminoethyl)glycine backbone
FEATURE:
NAME/KEY: Modified-site
LOCATION: 3
OTHER INFORMATION: N-acetyl(2-aminoethyl)glycine backbone
FEATURE:
NAME/KEY: Modified-site
LOCATION: 4
OTHER INFORMATION: N-acetyl(2-aminoethyl)glycine backbone
FEATURE:
NAME/KEY: Modified-site
LOCATION: 5
OTHER INFORMATION: N-acetyl(2-aminoethyl)glycine backbone
FEATURE:
NAME/KEY: Modified-site
LOCATION: 6
OTHER INFORMATION: N-acetyl(2-aminoethyl)glycine backbone
FEATURE:
NAME/KEY: Modified-site
LOCATION: 7
OTHER INFORMATION: N-acetyl(2-aminoethyl)glycine backbone
FEATURE:
NAME/KEY: Modified-site
LOCATION: 8
OTHER INFORMATION: N-acetyl(2-aminoethyl)glycine backbone
FEATURE:
NAME/KEY: Modified-site

/ LOCATION: 9
/ OTHER INFORMATION: N-acetyl(2-aminoethyl)glycine
/ OTHER INFORMATION: backbone
/ FEATURE:
/ NAME/KEY: Modified-site
/ LOCATION: 10
/ OTHER INFORMATION: N-acetyl(2-aminoethyl)glycine
/ OTHER INFORMATION: backbone
/ FEATURE:
/ NAME/KEY: Modified-site
/ LOCATION: 11
/ OTHER INFORMATION: N-acetyl(2-aminoethyl)glycine
/ OTHER INFORMATION: backbone
/ FEATURE:
/ NAME/KEY: Modified-site
/ LOCATION: 12
/ OTHER INFORMATION: N-acetyl(2-aminoethyl)glycine
/ OTHER INFORMATION: backbone
/ FEATURE:
/ NAME/KEY: Modified-site
/ LOCATION: 13
/ OTHER INFORMATION: N-acetyl(2-aminoethyl)glycine
/ OTHER INFORMATION: backbone
/ FEATURE:
/ NAME/KEY: Modified-site
/ LOCATION: 14
/ OTHER INFORMATION: N-acetyl(2-aminoethyl)glycine
/ OTHER INFORMATION: backbone
/ FEATURE:
/ NAME/KEY: Modified-site
/ LOCATION: 15
/ OTHER INFORMATION: N-[acetyl(2-aminoethyl)]-C-
/ OTHER INFORMATION: lysine-glycine backbone
/ US-08-932-140C-7

Query Match 100.0%; Score 9; DB 4; Length 15;
Best Local Similarity 100.0%; Pred. No. 1.9e+03;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 GAGTATGAG 9
Db 14 GAGTATGAG 6

RESULT 6
US-08-758-306-365/c
; Sequence 365, Application US/08758306
; Patent No. 5807743
; GENERAL INFORMATION:
; APPLICANT: Stinchcomb, Dan T.
; TITLE OF INVENTION: METHOD AND REAGENT FOR THE
; TITLE OF INVENTION: TREATMENT OF DISEASES
; TITLE OF INVENTION: ASSOCIATED WITH
; TITLE OF INVENTION: INTERLEUKIN-2 RECEPTOR
; TITLE OF INVENTION: GAMMA-CHAIN EXPRESSION
; NUMBER OF SEQUENCES: 1379
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; CITY: Suite 4700
; STATE: Los Angeles
; COUNTRY: California
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: FastSeq Version 1.5
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/758,306

/ FILING DATE: December 3, 1996
/ CLASSIFICATION: 514
/ PRIOR APPLICATION DATA:
/ APPLICATION NUMBER:
/ FILING DATE:
/ ATTORNEY/AGENT INFORMATION:
/ NAME: Warburg, Richard J.
/ REGISTRATION NUMBER: 32,327
/ REFERENCE/DOCKET NUMBER: 212/132
/ TELECOMMUNICATION INFORMATION:
/ TELEPHONE: (213) 489-1600
/ TELEFAX: (213) 955-0440
/ TELEX: 67-3510
/ INFORMATION FOR SEQ ID NO: 365:
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 17 base pairs
/ TYPE: nucleic acid
/ STRANDEDNESS: single
/ TOPOLOGY: linear
/ US-08-758-306-365

Query Match 100.0%; Score 9; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 1.9e+03;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 GAGTATGAG 9
Db 17 GAGTATGAG 9

RESULT 7
US-08-758-306-367/c
; Sequence 367, Application US/08758306
; Patent No. 5807743
; GENERAL INFORMATION:
; APPLICANT: Stinchcomb, Dan T.
; APPLICANT: McSwiggen, James A.
; TITLE OF INVENTION: METHOD AND REAGENT FOR THE
; TITLE OF INVENTION: TREATMENT OF DISEASES
; TITLE OF INVENTION: ASSOCIATED WITH
; TITLE OF INVENTION: INTERLEUKIN-2 RECEPTOR
; TITLE OF INVENTION: GAMMA-CHAIN EXPRESSION
; NUMBER OF SEQUENCES: 1379
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; CITY: Suite 4700
; STATE: Los Angeles
; COUNTRY: California
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: FastSeq Version 1.5
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/758,306
; FILING DATE: December 3, 1996
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER:
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
/ REGISTRATION NUMBER: 32,327
/ REFERENCE/DOCKET NUMBER: 212/132
/ TELECOMMUNICATION INFORMATION:
/ TELEPHONE: (213) 489-1600
/ TELEFAX: (213) 955-0440
/ TELEX: 67-3510
/ INFORMATION FOR SEQ ID NO: 367:

;; SEQUENCE CHARACTERISTICS:
;; LENGTH: 17 base pairs
;; TYPE: nucleic acid
;; STRANDEDNESS: single
;; TOPOLOGY: linear
US-08-758-306-367

Query Match 100.0%; Score 9; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 1.9e+03;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 GAGTATGAG 9
||| |||||
Db 15 GAGTATGAG 7

RESULT 8

US-08-758-306-369/c
; Sequence 369, Application US/08758306
; Patent No. 5807743

GENERAL INFORMATION:

;; APPLICANT: Stinchcomb, Dan T.
;; APPLICANT: McSwiggen, James A.
;; TITLE OF INVENTION: METHOD AND REAGENT FOR THE
;; TITLE OF INVENTION: TREATMENT OF DISEASES
;; TITLE OF INVENTION: ASSOCIATED WITH
;; TITLE OF INVENTION: INTERLEUKIN-2 RECEPTOR
;; TITLE OF INVENTION: GAMMA-CHAIN EXPRESSION
;; NUMBER OF SEQUENCES: 1379
;; CORRESPONDENCE ADDRESS:
;; ADDRESSEE: Lyon & Lyon
;; STREET: 633 West Fifth Street
;; CITY: Los Angeles
;; STATE: California
;; COUNTRY: U.S.A.
;; ZIP: 90071-2066

;; COMPUTER READABLE FORM:
;; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
;; MEDIUM TYPE: storage
;; COMPUTER: IBM Compatible
;; OPERATING SYSTEM: IBM P.C. DOS 5.0
;; SOFTWARE: FastSeq Version 1.5
;; CURRENT APPLICATION DATA:
;; APPLICATION NUMBER: US/08/758,306
;; FILING DATE: December 3, 1996
;; CLASSIFICATION: 514
;; PRIOR APPLICATION NUMBER:
;; FILING DATE:
;; ATTORNEY/AGENT INFORMATION:
;; NAME: Warburg, Richard J.
;; REGISTRATION NUMBER: 32,327
;; REFERENCE/DOCKET NUMBER: 212/132
;; TELECOMMUNICATION INFORMATION:
;; TELEPHONE: (213) 489-1600
;; TELEFAX: (213) 955-0440
;; TELEX: 67-3510
;; INFORMATION FOR SEQ ID NO: 369:
;; SEQUENCE CHARACTERISTICS:
;; LENGTH: 17 base pairs
;; TYPE: nucleic acid
;; STRANDEDNESS: single
;; TOPOLOGY: linear
US-08-758-306-369

Query Match 100.0%; Score 9; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 1.9e+03;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 GAGTATGAG 9
||| |||||
Db 12 GAGTATGAG 4

RESULT 9

US-08-758-306-371/c
; Sequence 371, Application US/08758306
; Patent No. 5807743

GENERAL INFORMATION:

;; APPLICANT: Stinchcomb, Dan T.
;; APPLICANT: McSwiggen, James A.
;; TITLE OF INVENTION: METHOD AND REAGENT FOR THE
;; TITLE OF INVENTION: TREATMENT OF DISEASES
;; TITLE OF INVENTION: ASSOCIATED WITH
;; TITLE OF INVENTION: INTERLEUKIN-2 RECEPTOR
;; TITLE OF INVENTION: GAMMA-CHAIN EXPRESSION
;; NUMBER OF SEQUENCES: 1379
;; CORRESPONDENCE ADDRESS:
;; ADDRESSEE: Lyon & Lyon
;; STREET: 633 West Fifth Street
;; CITY: Los Angeles
;; STATE: California
;; COUNTRY: U.S.A.
;; ZIP: 90071-2066

;; COMPUTER READABLE FORM:
;; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
;; MEDIUM TYPE: storage
;; COMPUTER: IBM Compatible
;; OPERATING SYSTEM: IBM P.C. DOS 5.0
;; SOFTWARE: FastSeq Version 1.5
;; CURRENT APPLICATION DATA:
;; APPLICATION NUMBER: US/08/758,306
;; FILING DATE: December 3, 1996
;; CLASSIFICATION: 514
;; PRIOR APPLICATION NUMBER:
;; FILING DATE:
;; ATTORNEY/AGENT INFORMATION:
;; NAME: Warburg, Richard J.
;; REGISTRATION NUMBER: 32,327
;; REFERENCE/DOCKET NUMBER: 212/132
;; TELECOMMUNICATION INFORMATION:
;; TELEPHONE: (213) 489-1600
;; TELEFAX: (213) 955-0440
;; TELEX: 67-3510
;; INFORMATION FOR SEQ ID NO: 371:
;; SEQUENCE CHARACTERISTICS:
;; LENGTH: 17 base pairs
;; TYPE: nucleic acid
;; STRANDEDNESS: single
;; TOPOLOGY: linear
US-08-758-306-371

Query Match 100.0%; Score 9; DB 1; Length 17;

Best Local Similarity 100.0%; Pred. No. 1.9e+03;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 GAGTATGAG 9
||| |||||
Db 9 GAGTATGAG 1

RESULT 10

US-09-866-108A-2750
; Sequence 2750, Application US/09866108A
; Patent No. 6686188

GENERAL INFORMATION:

;; APPLICANT: GU, Yizhong
;; APPLICANT: JI, Yonggang
;; APPLICANT: PENN, Sharron G.
;; APPLICANT: HANZEL, David K.
;; APPLICANT: RANK, David R.
;; APPLICANT: CHEN, Wensheng
;; APPLICANT: SHANNON, Mark

; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; PRIOR FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aeomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 2750
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-2750

Query Match 100.0%; Score 9; DB 4; Length 17;
Best Local Similarity 100.0%; Pred. No. 1.9e+03;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 GAGTATGAG 9
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Db 9 GAGTATGAG 17

RESULT 11
US-09-866-108A-2751
; Sequence 2751, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aeomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 2751
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-2752

Query Match 100.0%; Score 9; DB 4; Length 17;
Best Local Similarity 100.0%; Pred. No. 1.9e+03;

; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aeomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 2751
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-2751

Query Match 100.0%; Score 9; DB 4; Length 17;
Best Local Similarity 100.0%; Pred. No. 1.9e+03;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 GAGTATGAG 9
|||||
Db 8 GAGTATGAG 16

RESULT 12
US-09-866-108A-2752
; Sequence 2752, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aeomica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 2752
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-2752

Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 GAGTATGAG 9
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Db 7 GAGTATGAG 15

RESULT 13

US-09-866-108A-2753
; Sequence 2753, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.

; SOFTWARE: Aemica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 2753
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-2753

Query Match 100.0%; Score 9; DB 4; Length 17;
Best Local Similarity 100.0%; Pred. No. 1.9e+03;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 GAGTATGAG 9
|||||

Db 6 GAGTATGAG 14

RESULT 14

US-09-866-108A-2754
; Sequence 2754, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng

; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.

; SOFTWARE: Aemica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 2754
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-2754

Query Match 100.0%; Score 9; DB 4; Length 17;
Best Local Similarity 100.0%; Pred. No. 1.9e+03;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 GAGTATGAG 9
|||||

Db 5 GAGTATGAG 13

RESULT 15

US-09-866-108A-2755
; Sequence 2755, Application US/09866108A
; Patent No. 6686188
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108A
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669

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; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aecmica Sequence Listing Engine
; Patent No. 6686188
; SEQ ID NO 2755
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108A-2755
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Query Match      100.0%; Score 9; DB 4; Length 17;
Best Local Similarity 100.0%; Pred. No. 1.9e+03;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
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QY      1 GAGTATGAG 9
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Db       4 GAGTATGAG 12
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GenCore version 5.1.6
Copyright (c) 1993 - 2004 CompuGen Ltd.

OM nucleic - nucleic search, using sw model

Run on: August 1, 2004, 23:28:09 ; Search time 159.595 Seconds
(without alignments)
276.518 Million cell updates/sec

Title: US-09-540-843-1

Perfect score: 9

Sequence: 1 gattatgag 9

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Searched: 3222919 seqs, 245157024 residues

Total number of hits satisfying chosen parameters: 2259480

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Post-processing: Minimum Match 0%

Maximum Match 100%

Listing first 45 summaries

Database : Published Applications NA.*

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Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

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2	9	100.0	9	15	US-10-122-633-1
3	9	100.0	12	15	US-10-150-779A-15
4	9	100.0	12	15	US-10-150-779A-16
5	9	100.0	17	9	US-09-866-108-2751
6	9	100.0	17	9	US-09-866-108-2752
7	9	100.0	17	9	US-09-866-108-2753
8	9	100.0	17	9	US-09-866-108-2754
9	9	100.0	17	9	US-09-866-108-2755
10	9	100.0	17	9	US-09-866-108-2756
11	9	100.0	17	9	US-09-866-108-2757
12	9	100.0	17	9	US-09-866-108-2758
13	9	100.0	17	9	US-09-866-108-2759
14	9	100.0	17	17	US-10-723-361-2750

15	9	100.0	17	17	US-10-723-361-2751	Sequence 2751, Ap
16	9	100.0	17	17	US-10-723-361-2752	Sequence 2752, Ap
17	9	100.0	17	17	US-10-723-361-2753	Sequence 2753, Ap
18	9	100.0	17	17	US-10-723-361-2754	Sequence 2754, Ap
19	9	100.0	17	17	US-10-723-361-2755	Sequence 2755, Ap
20	9	100.0	17	17	US-10-723-361-2756	Sequence 2756, Ap
21	9	100.0	17	17	US-10-723-361-2757	Sequence 2757, Ap
22	9	100.0	17	17	US-10-723-361-2758	Sequence 2758, Ap
c 23	9	100.0	18	9	US-09-853-895-1	Sequence 1, Appl
c 24	9	100.0	19	15	US-10-205-309-181	Sequence 181, App
c 25	9	100.0	19	15	US-10-205-309-506	Sequence 506, App
c 26	9	100.0	20	10	US-09-774-809-101	Sequence 101, App
c 27	9	100.0	20	10	US-09-774-809-102	Sequence 102, App
c 28	9	100.0	20	13	US-10-345-444B-101	Sequence 101, App
c 29	9	100.0	20	13	US-10-345-444B-102	Sequence 102, App
c 30	9	100.0	20	13	US-10-655-847-128	Sequence 128, App
c 31	9	100.0	20	13	US-10-655-847-266	Sequence 266, App
c 32	9	100.0	20	13	US-10-160-807-128	Sequence 128, App
c 33	9	100.0	20	13	US-10-160-807-266	Sequence 266, App
c 34	9	100.0	20	14	US-10-128-870-15	Sequence 15, Appl
c 35	9	100.0	20	15	US-10-131-885-15	Sequence 32, Appl
c 36	9	100.0	20	15	US-10-067-514-32	Sequence 32, Appl
c 37	9	100.0	20	16	US-10-349-143-6551	Sequence 6551, Ap
c 38	9	100.0	20	16	US-10-419-723-32	Sequence 32, Appl
c 39	9	100.0	21	16	US-10-349-143-8965	Sequence 8965, Ap
c 40	9	100.0	23	16	US-10-380-705-17	Sequence 17, Appl
c 41	9	100.0	24	9	US-09-815-656-23	Sequence 23, Appl
c 42	9	100.0	25	9	US-09-866-108-5679	Sequence 5679, Ap
c 43	9	100.0	25	9	US-09-866-108-5680	Sequence 5680, Ap
c 44	9	100.0	25	9	US-09-866-108-5681	Sequence 5681, Ap
c 45	9	100.0	25	9	US-09-866-108-5682	Sequence 5682, Ap

ALIGNMENTS

RESULT 1

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US-10-122-630-1
; Sequence 1, Application US/10122630
; Publication No. US2003032610A1
; GENERAL INFORMATION:
; APPLICANT: Gilchrist, Barbara A.
; APPLICANT: Eller, Mark S.
; APPLICANT: Vaar, Mina
; TITLE OF INVENTION: Method to Inhibit Cell Growth Using
; FILE REFERENCE: 0054.1088-018
; CURRENT APPLICATION NUMBER: US/10/122,630
; CURRENT FILING DATE: 2002-04-12
; PRIOR APPLICATION NUMBER: US 08/467,012
; PRIOR FILING DATE: 1995-06-06
; PRIOR APPLICATION NUMBER: PCT/US96/08386
; PRIOR FILING DATE: 1996-06-03
; PRIOR APPLICATION NUMBER: US 09/048,927
; PRIOR FILING DATE: 1998-03-26
; PRIOR APPLICATION NUMBER: US 09/540,843
; PRIOR FILING DATE: 2000-03-31
; PRIOR APPLICATION NUMBER: PCT/US01/10162
; PRIOR FILING DATE: 2001-03-30
; NUMBER OF SEQ ID NOS: 15
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 1
; TYPE: DNA
; LENGTH: 9
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic DNA Fragment
US-10-122-630-1
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Query Match 100.0%; Score 9; DB 15; Length 9;
Best Local Similarity 100.0%; Pred. No. 5.4e+08;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 GAGTATGAG 9
|||||
Db 1 GAGTATGAG 9

RESULT 2

US-10-122-633-1
; Sequence 1, Application US/10122633
; Publication No. US20030032611A1
; GENERAL INFORMATION:
; APPLICANT: Gilchrist, Barbara A.
; APPLICANT: Ellner, Mark S.
; APPLICANT: Yaar, Mina
; TITLE OF INVENTION: Method to Inhibit Cell Growth Using
; FILE REFERENCE: 0054.1088-019
; CURRENT APPLICATION NUMBER: US/10/122,633
; CURRENT FILING DATE: 2003-04-12
; PRIOR APPLICATION NUMBER: US 09/540,843
; PRIOR FILING DATE: 2000-03-31
; PRIOR APPLICATION NUMBER: PCT/US01/10162
; PRIOR FILING DATE: 2001-03-30
; NUMBER OF SEQ ID NOS: 15
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 1
; LENGTH: 9
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic DNA Fragment
US-10-122-633-1

Query Match 100.0%; Score 9; DB 15; Length 12;
Best Local Similarity 100.0%; Pred. No. 5.4e+08;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 GAGTATGAG 9
|||||
Db 1 GAGTATGAG 9

RESULT 3

US-10-150-779A-15/c
; Sequence 15, Application US/10150779A
; Publication No. US20030125241A1
; GENERAL INFORMATION:
; APPLICANT: WISENBACH, MARGIT
; APPLICANT: KOCH, TROELS
; APPLICANT: ORUM, HENRICK
; APPLICANT: HANSEN, BO
; TITLE OF INVENTION: THERAPEUTIC USES OF LNA-MODIFIED OLIGONUCLEOTIDES IN
; FILE REFERENCE: 55704 (45120)
; CURRENT APPLICATION NUMBER: US/10/150,779A
; CURRENT FILING DATE: 2003-02-07
; PRIOR APPLICATION NUMBER: 60/291,830
; PRIOR FILING DATE: 2001-05-18
; NUMBER OF SEQ ID NOS: 16
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 15
; LENGTH: 12
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
; OTHER INFORMATION: oligonucleotide
US-10-150-779A-15

Query Match 100.0%; Score 9; DB 15; Length 12;
Best Local Similarity 100.0%; Pred. No. 2.5e+04;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 GAGTATGAG 9

Db 12 GAGTATGAG 4
|||||

RESULT 4

US-10-150-779A-16/c
; Sequence 16, Application US/10150779A
; Publication No. US20030125241A1
; GENERAL INFORMATION:
; APPLICANT: WISENBACH, MARGIT
; APPLICANT: KOCH, TROELS
; APPLICANT: ORUM, HENRICK
; APPLICANT: HANSEN, BO
; TITLE OF INVENTION: THERAPEUTIC USES OF LNA-MODIFIED OLIGONUCLEOTIDES IN
; FILE REFERENCE: 55704 (45120)
; CURRENT APPLICATION NUMBER: US/10/150,779A
; CURRENT FILING DATE: 2003-02-07
; PRIOR APPLICATION NUMBER: 60/291,830
; PRIOR FILING DATE: 2001-05-18
; NUMBER OF SEQ ID NOS: 16
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 16
; LENGTH: 12
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
; OTHER INFORMATION: DNA oligonucleotide with phosphorothioate backbone
US-10-150-779A-16

Query Match 100.0%; Score 9; DB 15; Length 12;
Best Local Similarity 100.0%; Pred. No. 2.5e+04;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 GAGTATGAG 9
|||||
Db 12 GAGTATGAG 4

RESULT 5

US-09-866-108-2750
; Sequence 2750, Application US/09866108
; Patent No. US2002004800A1
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Shaaron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: A60MICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668

; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00662
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00661
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00670
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 60/234,687
; PRIOR FILING DATE: 2000-09-21
; PRIOR APPLICATION NUMBER: US 60/266,860
; PRIOR FILING DATE: 2001-02-05
; NUMBER OF SEQ ID NOS: 15752
; SOFTWARE: Aecomica Sequence Listing Engine
; SEQ ID NO 2750
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108-2750

Query Match 100.0%; Score 9; DB 9; Length 17;
Best Local Similarity 100.0%; Pred. No. 2.5e+04;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 GAGTATGAG 9
DB 9 GAGTATGAG 17

RESULT 6

US-09-866-108-2751
; Sequence 2751, Application US/09866108
; Patent No. US20020048800A1
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00662
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00661
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00670
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 60/234,687

; PRIOR FILING DATE: 2000-09-21
; PRIOR APPLICATION NUMBER: US 60/266,860
; PRIOR FILING DATE: 2001-02-05
; NUMBER OF SEQ ID NOS: 15752
; SOFTWARE: Aecomica Sequence Listing Engine
; SEQ ID NO 2751
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108-2751

Query Match 100.0%; Score 9; DB 9; Length 17;
Best Local Similarity 100.0%; Pred. No. 2.5e+04;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 GAGTATGAG 9
DB 8 GAGTATGAG 16

RESULT 7

US-09-866-108-2752
; Sequence 2752, Application US/09866108
; Patent No. US20020048800A1
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00662
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00661
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00670
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 60/234,687
; PRIOR FILING DATE: 2000-09-21
; PRIOR APPLICATION NUMBER: US 60/266,860
; PRIOR FILING DATE: 2001-02-05
; NUMBER OF SEQ ID NOS: 15752
; SOFTWARE: Aecomica Sequence Listing Engine
; SEQ ID NO 2752
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108-2752

Query Match 100.0%; Score 9; DB 9; Length 17;
Best Local Similarity 100.0%; Pred. No. 2.5e+04;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 GAGTATGAG 9
| | | | | | | |
DB 7 GAGTATGAG 15

RESULT 8

US-09-866-108-2753
; Sequence 2753, Application US/09866108
; Patent No. US20020048800A1
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00662
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00670
; PRIOR FILING DATE: 2000-09-21
; PRIOR APPLICATION NUMBER: US 60/234,687
; PRIOR FILING DATE: 2001-02-05
; NUMBER OF SEQ ID NOS: 15752
; SOFTWARE: Aecomica Sequence Listing Engine
; SEQ ID NO 2753
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108-2753

Query Match 100.0%; Score 9; DB 9; Length 17;
Best Local Similarity 100.0%; Pred. No. 2.5e+04;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 GAGTATGAG 9
| | | | | | | |
DB 6 GAGTATGAG 14

RESULT 9

US-09-866-108-2754
; Sequence 2754, Application US/09866108
; Patent No. US20020048800A1
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00662
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00661
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00670
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 60/234,687
; PRIOR FILING DATE: 2000-09-21
; PRIOR APPLICATION NUMBER: US 60/266,860
; PRIOR FILING DATE: 2001-02-05
; NUMBER OF SEQ ID NOS: 15752
; SOFTWARE: Aecomica Sequence Listing Engine
; SEQ ID NO 2754
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108-2754

Query Match 100.0%; Score 9; DB 9; Length 17;
Best Local Similarity 100.0%; Pred. No. 2.5e+04;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 GAGTATGAG 9
| | | | | | | |
DB 5 GAGTATGAG 13

RESULT 10

US-09-866-108-2755
; Sequence 2755, Application US/09866108
; Patent No. US20020048800A1
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.

	/	APPLICANT:	CHEN, Wensheng	
	/	APPLICANT:	SHANNON, MYOSIN	
	/	TITLE OF INVENTION:	MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE	
	/	FILE REFERENCE:	AEMICA-7	
	/	CURRENT APPLICATION NUMBER:	US/09/866,108	
	/	CURRENT FILING DATE:	2001-05-25	
	/	PRIOR APPLICATION NUMBER:	US 60/207,456	
	/	PRIOR FILING DATE:	2000-05-26	
	/	PRIOR APPLICATION NUMBER:	GB 24263.6	
	/	PRIOR FILING DATE:	2000-10-04	
	/	PRIOR APPLICATION NUMBER:	US 60/236,359	
	/	PRIOR FILING DATE:	2000-09-27	
	/	PRIOR APPLICATION NUMBER:	PCT/US01/00666	
	/	PRIOR FILING DATE:	2001-01-30	
	/	PRIOR APPLICATION NUMBER:	PCT/US01/00667	
	/	PRIOR FILING DATE:	2001-01-30	
	/	PRIOR APPLICATION NUMBER:	PCT/US01/00664	
	/	PRIOR FILING DATE:	2001-01-30	
	/	PRIOR APPLICATION NUMBER:	PCT/US01/00669	
	/	PRIOR FILING DATE:	2001-01-30	
	/	PRIOR APPLICATION NUMBER:	PCT/US01/00665	
	/	PRIOR FILING DATE:	2001-01-30	
	/	PRIOR APPLICATION NUMBER:	PCT/US01/00668	
	/	PRIOR FILING DATE:	2001-01-30	
	/	PRIOR APPLICATION NUMBER:	PCT/US01/00663	
	/	PRIOR FILING DATE:	2001-01-30	
	/	PRIOR APPLICATION NUMBER:	PCT/US01/00662	
	/	PRIOR FILING DATE:	2001-01-30	
	/	PRIOR APPLICATION NUMBER:	PCT/US01/00661	
	/	PRIOR FILING DATE:	2001-01-30	
	/	PRIOR APPLICATION NUMBER:	PCT/US01/00670	
	/	PRIOR FILING DATE:	2001-01-30	
	/	PRIOR APPLICATION NUMBER:	US 60/234,687	
	/	PRIOR FILING DATE:	2000-09-21	
	/	PRIOR APPLICATION NUMBER:	US 60/266,860	
	/	PRIOR FILING DATE:	2001-02-05	
	/	NUMBER OF SEQ ID NOS:	15752	
	/	SOFTWARE:	Aemica Sequence Listing Engine	
	/	SEQ ID NO 2755		
	/	LENGTH:	17	
	/	TYPE:	DNA	
	/	ORGANISM:	Homo sapiens	
	/	US-09-866-108-2755		
		Query Match	100.0%; Score 9; DB 9; Length 17;	
		Best Local Similarity	100.0%; Pred.No. 2.5e+04;	
		Matches	9; Conservative 0; Mismatches 0; Indels 0; Gaps	
Qy		1	GAGTATGAG 9	
Dδ		4	GAGTATGAG 12	
RESULT 11				
US-09-866-108-2756				
/	/	Sequence 2756,	Application US/09866108	
/	/	Patent No.	US2002004800A1	
/	/	GENERAL INFORMATION:		
/	/	APPLICANT:	GU, Yizhong	
/	/	APPLICANT:	JL, Yonggang	
/	/	APPLICANT:	PENN, Sharron G.	
/	/	APPLICANT:	HANZEL, David K.	
/	/	APPLICANT:	RANK, David R.	
/	/	APPLICANT:	CHEN, Wensheng	
/	/	APPLICANT:	SHANNON, Mark	
/	/	TITLE OF INVENTION:	MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE	
/	/	FILE REFERENCE:	AEMICA-7	
/	/	CURRENT APPLICATION NUMBER:	US/09/866,108	
/	/	CURRENT FILING DATE:	2001-05-25	
/	/	PRIOR APPLICATION NUMBER:	US 60/207,456	
/	/	PRIOR FILING DATE:	2000-05-26	
/	/	PRIOR APPLICATION NUMBER:	GB 24263.6	
/	/	PRIOR FILING DATE:	2000-10-04	

Query Match 100.0%; Score 9; DB 9; Length 17;
Best Local Similarity 100.0%; Pred. No. 2.5e+04;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 GAGTATGAG 9
Db 2 GAGTATGAG 10

RESULT 13
US-09-866-108-2758
; Sequence 2758, Application US/09866108
; Patent No. US20020048800A1
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AROMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108
; PRIOR FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00662
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00661
; PRIOR FILING DATE: 2001-01-30

Query Match 100.0%; Score 9; DB 9; Length 17;
Best Local Similarity 100.0%; Pred. No. 2.5e+04;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 GAGTATGAG 9
Db 2 GAGTATGAG 10

RESULT 14
US-10-723-361-2750
; Sequence 2750, Application US/10723361
; Publication No. US20040137589A1
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: HUMAN MYOSIN-LIKE POLYPEPTIDE EXPRESSED PREDOMINANTLY IN HEART AN
; FILE REFERENCE: PB0105
; CURRENT APPLICATION NUMBER: US/10/723,361
; PRIOR FILING DATE: 2003-11-26
; PRIOR APPLICATION NUMBER: US 09/866,108
; PRIOR FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Acomica Sequence Listing Engine
; SEQ ID NO 2750
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-723-361-2750

Query Match 100.0%; Score 9; DB 9; Length 17;
Best Local Similarity 100.0%; Pred. No. 2.5e+04;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 GAGTATGAG 9
Db 1 GAGTATGAG 9

RESULT 15
US-09-866-108-2758
; Sequence 2758, Application US/09866108
; Patent No. US20020048800A1
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AROMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108
; PRIOR FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00662
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00661
; PRIOR FILING DATE: 2001-01-30

Query Match 100.0%; Score 9; DB 9; Length 17;
Best Local Similarity 100.0%; Pred. No. 2.5e+04;
Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 GAGTATGAG 9
Db 1 GAGTATGAG 9

RESULT 16
US-09-866-108-2758
; Sequence 2758, Application US/09866108
; Patent No. US20020048800A1
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AROMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108
; PRIOR FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Acomica Sequence Listing Engine
; SEQ ID NO 2750
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-723-361-2750

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Db          9 GAGTATGAG 17
|||||
RESULT 15
US-10-723-361-2751
; Sequence 2751, Application US/10723361
; Publication No. US20040137589A1
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharon G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: HUMAN MYOSIN-LIKE POLYPEPTIDE EXPRESSED PREDOMINANTLY IN HEART AN
; FILE REFERENCE: PB0105
; CURRENT APPLICATION NUMBER: US/10/723,361
; CURRENT FILING DATE: 2003-11-26
; PRIOR APPLICATION NUMBER: US 09/866,108
; PRIOR FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aecomica Sequence Listing Engine
; SEQ ID NO 2751
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-723-361-2751
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Matches 9; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
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QY          1 GAGTATGAG 9
Db          8 GAGTATGAG 16
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Search completed: August 2, 2004, 02:14:38
Job time : 160.585 secs

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